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FACULTY OF MEDICINE

CALENDAR

SESSION - - 1912-1913

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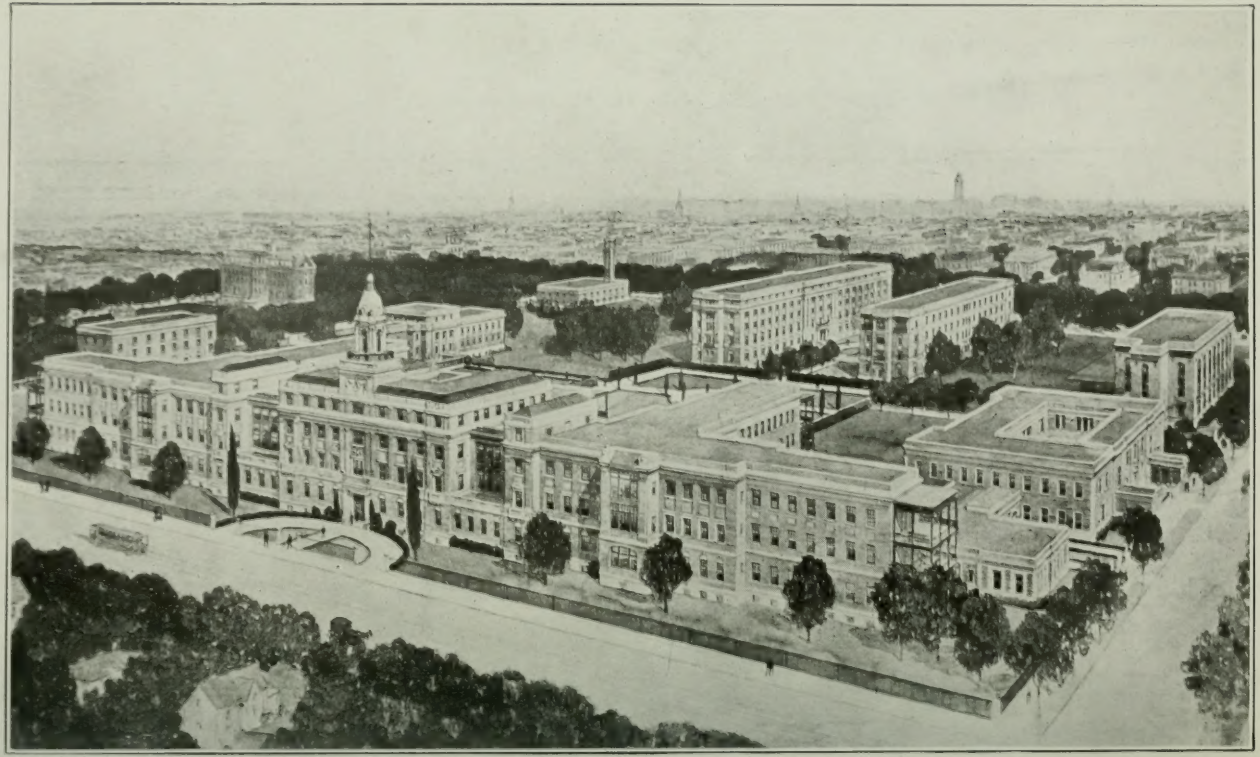

THE NEW TORONTO GENERAL HOSPITAL.

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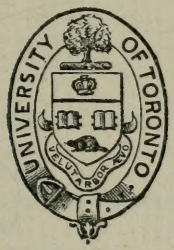
FACULTY OF MEDICINE



CALENDAR

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Note:—Communications relating to standing in all Faculties and Departments and to curricula, instruction and examinations in Graduate Courses, Law, Dentistry, Pharmacy, Agriculture, Music, Pedagogy, Gymnastics and Drill, Commerce and Veterinary Science are to be addressed to the Registrar of the University; correspondence regarding curricula, instruction and examinations in a particular Faculty is to be sent to the Secretary of that Faculty, while enquires with reference to College instruction and residence are to be addressed to the Registrar of the College concerned.

CALENDAR 1912-1913.

1912—Sept.	2	Monday	Last day for receiving applications for the September Examinations in Medicine.
Sept.	10	Tuesday	Supplemental Examinations in Medicine begin.
Sept.	16	Monday	Registration in Medicine by the Secretary of the Faculty of Medicine.
Sept.	27	Friday	Meeting of the Council of the Faculty of Medicine.
Oct.	1	Tuesday	Academic Year begins.
Oct.	1	Tuesday	Enrolment in classes by the various Professors.
Oct.	1	Tuesday	The Opening Address by the President to the Students of all the Faculties at 3 p.m. in Convocation Hall.
Oct.	4	Friday	Meeting of the Council of the Faculty of Medicine.
Oct.	11	Friday	Meeting of Senate.
Oct.	12	Saturday	Stated meeting of the Caput to deal with requests as to social functions until Nov. 15.
Nov.	1	Friday	Meeting of the Council of the Faculty of Medicine.
Nov.	8	Friday	Term Meeting of Senate.
Dec.	6	Friday	Meeting of the Council of the Faculty of Medicine.
Dec.	13	Friday	Meeting of Senate.
Dec.	20	Friday	Last day of Lectures. Term ends at 1 p.m.
Dec.	20	Friday	Railway certificates issued.
Dec.	25	Wednesday	University Buildings closed.
1913—Jan.	1	Wednesday	University Buildings closed.
Jan.	3	Friday	Meeting of the Council of the Faculty of Medicine.
Jan.	7	Tuesday	Easter Term begins.
Jan.	10	Friday	Meeting of Senate.
Feb.	4	Tuesday	Faculty Dinner.
Feb.	5	Wednesday	University Buildings closed.
Feb.	7	Friday	Meeting of the Council of the Faculty of Medicine.
Feb.	14	Friday	Meeting of Senate.

Mar.	7	Friday	Meeting of the Council of the Faculty of Medicine.
Mar.	14	Friday	Meeting of Senate.
Mar.	15	Saturday	Last day for receiving applications for Annual Examinations in Medicine.
Mar.	28	Friday	University Buildings closed.
April	4	Friday	Meeting of the Council of the Faculty of Medicine.
April	11	Friday	Term Meeting of Senate.
May	2	Friday	Meeting of the Council of the Faculty of Medicine.
May	12	Monday	Annual Examinations in Medicine begin.
May	24	Saturday	University Buildings closed.
May	31	Saturday	Medical Sessions ends.
June	4	Wednesday	Term meeting of Senate.
June	6	Friday	University Commencement.
July	1	Tuesday	University Buildings closed.

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1912-1913

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WILLIAM JOHN OGILVIE MALLOCH, B.A., M.B., F.R.C.S., (ENG.),
Demonstrator in Clinical Surgery,
Assistant Surgeon, Toronto General Hospital,
9 College Street.

HAROLD ORR, M.B.,
Fellow in Chemical Pathology, 466 Euclid Avenue.

BREFNEY ROLPH O'REILLY, M.D., C.M.,
Demonstrator in Pathology and in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
52 College Street.

PAUL MICHAEL O'SULLIVAN, B.A.,
Fellow in Physiology, 1155 King Street, West.

WILLIAM HERBERT PEPLER, M.D., C.M.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
600 Spadina Avenue.

VIVIAN ELLSWORTH POUND, M.A.,
Demonstrator in Physics, 23 Lindsay Avenue.

JAMES ALEXANDER ROBERTS, M.B., L.R.C.P., F.R.C.S., (ENG.),
Assistant in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
62 Bloor Street, West.

CHARLES WESLEY ROBB,
Assistant in Physics, 15 Alexander Street.

ALBERT DUNCAN ROBERTSON, B.A.,
Class Assistant in Biology, 81 Major Street.

DAVID EDWIN ROBERTSON, M.B.,
Demonstrator in Pathology,
Surgical Registrar, Toronto General Hospital, 143 College Street.

ALBERT HILL ROLPH, M.B.,
Assistant Demonstrator of Pathology and Bacteriology.
58 Avenue Road.

FREDERICK WHITNEY ROLPH, M.A., M.B.,
Assistant in Clinical Laboratory, 693 Spadina Avenue.

GILBERT ROYCE, B.A., M.B.,
Demonstrator in Oto-laryngology,
Junior Assistant in Otology, Laryngology and Rhinology, Toronto General Hospital and Hospital for Sick Children.
102 College Street.

GEORGE WILLIAM ROSS, B.A., M.D., M.R.C.P., LOND.,
Assistant in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
627 Jarvis Street.

EDWARD STANLEY RYERSON, M.D., C.M.,
Demonstrator in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital and Hospital for Sick Children,
143 College Street.

JOHN TENNANT SAUNDERS, B.A., (CANTAB.),
Lecturer and Laboratory Assistant in Biology, 85 St. George Street.

WALLACE ARTHUR SCOTT, B.A., M.B., F.R.C.S., ENG.
Demonstrator in Anatomy and Clinical Surgery,
Assistant Surgeon, St. Michael's Hospital.
627 Sherbourne Street.

NOBLE CARMEN SHARPE, B.A., M.B.,
Fellow in Pharmacology, University Residence, South Hall.

NORMAN S. SHENSTONE, M.D.,
Demonstrator in Anatomy and Assistant in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
196 Bloor Street, West.

HARRY JAMES SHIELDS, B.A., M.B.,
Assistant in Biology, 352 Palmerston Boulevard.

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Demonstrator in Anatomy,
Assistant Surgeon, Toronto General Hospital and Hospital for Sick Children,
478 Huron Street.

GIDEON SILVERTHORN, M.B.,
Demonstrator in Clinical Surgery,
Assistant Surgeon, St. Michael's Hospital,
266 College Street.

DAVID KING SMITH, M.B.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician in charge of Dermatology, Toronto General Hospital,
22 Wellesley Street.

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Assistant in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
380 King Street, West.

GEORGE STEWART STRATHY, M.D., C.M.,
Demonstrator in Pathology and Assistant in Clinical Medicine,
Medical Registrar, Toronto General Hospital,
Assistant Pathologist, Hospital for Sick Children,
143 College Street.

CHARLES JAMES WAGNER, M.B.,
Demonstrator in Clinical Medicine,
19 Gerrard Street, East.

FREDERICK EARLE WATTS, M.B.,
Demonstrator in Pathology,
19 Chestnut Park Road.

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Demonstrator in Anatomy and Assistant in Clinical Surgery,
Junior Assistant Surgeon, St. Michael's Hospital,
205 Bloor Street, East.

ARTHUR BALDWIN WRIGHT, M.B.,
Assistant in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital and Hospital for Sick Children,
329 Church Street.

WALTER WALKER WRIGHT, M.B.,
Demonstrator in Anatomy,
Anaesthetist, Hospital for Sick Children,
Corner Yonge and Heath Streets.

GEORGE S. YOUNG, B.A., M.B.,
Assistant in Clinical Medicine, 280 Roncesvalles Avenue.

WILLIAM DANIEL YOUNG, M.B.,
Assistant in Clinical Medicine, 1980 Queen Street, East.

COUNCIL OF THE FACULTY OF MEDICINE.

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Chairman.....CHARLES KIRK CLARKE, M.D., LL.D.
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*JABEZ HENRY ELLIOTT, M.B.,
WILLIAM HODGSON ELLIS, M.A., M.B.,
*FREDERICK FENTON, M.D., C.M.,
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*ALTON HUYCKE GARRATT, M.D., C.M.,
*LACHLAN GILCHRIST, M.A.,
*WILLIAM GOLDIE, M.B.,
ANDREW ROBERTSON GORDON, M.B.,
*DUNCAN A. GRAHAM, M.B.,
VELYIEN EWART HENDERSON, M.A., M.B.,
*ARCHIBALD GOWANLOCK HUNTSMAN, B.A., M.B.,
ERNEST JONES, M.D.,
FRANCIS BOTELER KENRICK, M.A., PH.D.,
WILLIAM ROBERT LANG, D.SC.,
JOHN BERESFORD LEATHES, B.A., M.B., B.CH., F.R.S.
ARCHIBALD BYRON MACALLUM, PH.D., SC.D., LL.D., F.R.S.,
JAMES METCALFE MACCALLUM, M.B., M.D.,
*WILLIAM JAMES MCCOLLUM, M.B.,
GEORGE RAYMOND MCDONAGH, M.D.,
KENNEDY CRAWFORD MCILWRAITH, M.B.,

*Lecturers and instructors as indicated by the asterisk shall act as Assessors only and shall not be entitled to vote.

JOHN JOSEPH MACKENZIE, B.A.,M.B.,
PATRICK WALTER HUGHES MCKEOWN, B.A., M.B.,
JOHN CUNNINGHAM MCLENNAN, B.A., PH.D.,
JAMES PLAYFAIR MCMURRICH, M.A., PH.D.,
ALEXANDER MCPHEDRAN, M.B.,
HENRY THOMAS MACHELL, M.D.,
*FREDERICK WILLIAM MARLOW, M.D., C.M.,
WILLIAM LASH MILLER, PH.D.,
*HAROLD CAMPBELL PARSONS, B.A., M.D., C.M.,
WILLIAM HUNTER PIERSOL, B.A., M.B.,
NEWTON ALBERT POWELL, M.D., C.M.,
ALEXANDER PRIMROSE, M.B., C.M.,
*HENRY STANLEY RAPER, D.SC., M.B.,
RICHARD ANDREWS REEVE, B.A., M.D., LL.D.,
*THOMAS BEDFORD RICHARDSON, M.D., C.M.,
ROBERT DAWSON RUDOLF, M.D., C.M.,
GEORGE STERLING RYERSON, M.D., C.M.,
*CHARLES BUCKINGHAM SHUTTLEWORTH, M.D., C.M.,
CLARENCE LESLIE STARR, M.B.,
FREDERIC NEWTON GISBORNE STARR, M.B.,
WILLIAM BROWN THISTLE, M.D.,
*JOHN FRANKLIN UREN, M.D., C.M.,
*JAMES CRAWFORD WATT, B.A., M.B.,
*EDMUND MURTON WALKER, B.A., M.B.,
DAVID JAMES GIBB WISHART, B.A., M.D., C.M..
ADAM HENRY WRIGHT, B.A., M.B.,
ROBERT RAMSAY WRIGHT, M.A., B.SC., LL.D.,
THE LIBRARIAN OF THE UNIVERSITY.

Secretary.....ALEXANDER PRIMROSE, M.B., C.M
Assistant Secretary.....E. STANLEY RYERSON, M.D., C.M.

*Lecturers and instructors as indicated by the asterisk shall act as Assessors only and shall not be entitled to vote.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

Deans.

W. T. Aikins, 1887-1893.
U. Ogden, 1893-1896.
R. A. Reeve, 1896-1908.
C. K. Clarke, 1908.

Secretaries.

Adam Wright, 1887-1893.
James Brebner, 1893-1894.
A. Primrose, 1894.

Assistant Secretaries.

J. J. Mackenzie, 1900-1908.
E. Stanley Ryerson, 1908.

Chair of Medicine and Clinical Medicine.

Professors of Medicine.

H. H. Wright, 1887-1892.
J. E. Graham, 1887-1900.
A. McPhedran, 1900.

Professors of Clinical Medicine.

A. McPhedran, 1900.
J. L. Davison, 1903-1909.

Associate Professors of Medicine and Clinical Medicine.

A. McPhedran, 1892-1900.
J. T. Fotheringham, 1903.
R. D. Rudolf, 1903-1908.

Associate Professors of Clinical Medicine.

W. P. Caven, 1896.
W. B. Thistle, 1900.
A. M. Baines, 1903.
A. R. Gordon, 1903.
R. J. Dwyer, 1903.
H. B. Anderson, 1903.
Graham Chambers, 1908.

Associate Professors of Paediatrics.

A. M. Baines, 1903.
H. T. Machell, 1903.

Chair of Surgery and Clinical Surgery.

Professor of Surgery.

W. T. Aikins, 1887-1897.

Professors of Surgery and Clinical Surgery.

I. H. Cameron, 1897.
F. LeM. Grasett, 1903-1909.
G. A. Peters, 1903-1907.
L. Teskey, 1903-1909.

Associate Professor of Surgery and Clinical Surgery.

G. A. Peters, 1892-1903.

Professor of Surgery and Surgical Pathology.
I. H. Cameron, 1887-1892.
Associate Professor of Clinical Surgery and Clinical Anatomy.
G. A. Bingham, 1903.
Professors of Clinical Surgery.
L. McFarlane, 1887-1896. I. H. Cameron, 1892-1896.
Associate Professors of Clinical Surgery.
A. Primrose, 1897. F. N. G. Starr, 1900.
B. Spencer, 1897-1903. C. L. Starr, 1903.
L. M. Sweetnam, 1897-1902. (In charge of Orthopaedics).
H. A. Bruce, 1897. P. W. H. McKeown, 1908.
W. Oldright, 1899-1910.

Chair of Obstetrics.
Professor.
A. H. Wright, 1887.
Associate Professors.
H. T. Machell, 1900. K. C. McIlwraith, 1910.

Chair of Anatomy.
Professors.
J. H.Richardson, 1887-1896. J. Playfair McMurrich, 1907.
A. Primrose, 1896-1907.
Associate Professors.
M. H. Aikins, 1887-1892. H. W. Aikins, 1896.
A. Primrose, 1892-1896.

Chair of Chemistry.
Professors.
W. H. Ellis, 1887. W. R. Lang, 1900.
W. H. Pike, 1888-1900.
Associate Professors.
W. L. Miller, 1901. F. B. Kenrick, 1910.
F. B. Allan, 1907.
Associate Professor of Medical Chemistry.
W. T. Stuart, 1903-1910.

Chair of Biology and Physiology.
Professor.
R. Ramsay Wright, 1887-1892.

Chair of Biology.
Professor.
R. R. Wright, 1892.
Associate Professors.
B. A. Bensley, 1906. W. H. Piersol, 1910.

Chair of Physiology.

Professor.

A. B. Macallum, 1892-1909. T. G. Brodie, 1909.

Professor of Physiological Chemistry.

A. B. Macallum, 1906-1909.

Chair of Biochemistry.

Professor.

A. B. Macallum, 1909.

Chair of Pharmacology and Therapeutics.

Professors.

James Thorburn, M.D., Edin,. 1887-1892.

James M. MacCallum, 1892-1908.

Associate Professor.

C. F. Heebner, 1900-1903.

Associate Professor of Pharmacy and Pharmacology.

V. E. Henderson, 1909.

Chair of Therapeutics.

Professor.

R. D. Rudolf, 1908.

Chair of Gynaecology.

Professors.

Uzziel Ogden, 1887-1903. James F. W. Ross, 1903-1911.

Associate Professor.

James F. W. Ross, 1897-1903.

Professor of Operative Obstetrics and Gynaecology.

J. A. Temple, 1903-1909.

Chair of Ophthalmology, Otology, Largyngology and Rhinology.

Professor.

R. A. Reeve, 1887-1903.

Chair of Ophthalmology and Otology.

Professors.

R. A. Reeve, 1903. G. H. Burnham, 1903.

G. S. Ryerson, 1903.

Associate Professors.

G. H. Burnham, 1896-1903. J. M. MacCallum, 1909.

Chas. Trow, 1905-1911.

Chair of Oto-Laryngology.

Professor.

G. R. McDonagh, 1903.

Associate Professors.

G. R. McDonagh, 1896-1903. D. J. Gibb Wishart, 1903.

Chair of Hygiene and Sanitary Science.

Professors.

Wm. Oldright, 1887-1910. J. A. Amyot, 1910.

Chair of Toxicology.

Professor.

W. H. Ellis, 1900.

Associate Professor.

W. H. Ellis, 1897-1900.

Chair of Medical Jurisprudence.

Professors.

W. W. Ogden, 1887-1892. N. A. Powell, 1903.
Bertram Spencer, 1900-1903.

Associate Professor.

Bertram Spencer, 1896–1900.

Chair of Medical Psychology.

Extra Mural Professors.

Daniel Clark, 1887-1903. J. C. Mitchell, 1903-1906.
N. H. Beemer, 1900.

Professor.

C. K. Clarke, 1906.

Associate Professor.

Ernest Jones.

Chair of Physics.

Professors.

James Loudon, 1887-1907. J. C. McLennan, 1907.

Associate Professor.

J. C. McLennan, 1905-1907.
E. F. Burton, 1911.

Chair of Pathology.

Professor.

John Caven, 1892-1896.

Chair of Pathology and Bacteriology.

Professors.

John Caven, 1896-1900. J. J. Mackenzie, 1900.

Associate Professor.

J. A. Amyot, 1900-1910.

Professor of Clinical Pathology.

H. B. Anderson, 1903-1905.

Chair of Preventive Medicine.

Professor.

Charles Sheard, 1903-1911.

Chair of Pathological Chemistry.

Professor.

J. B. Leathes, 1909.

INFORMATION FOR STUDENTS IN MEDICINE.

1. The twenty-sixth session since the re-establishment of the Faculty of Medicine of the University of Toronto will commence on Tuesday, the 1st of October, 1912.

2. The Degrees in Medicine are Bachelor of Medicine (M.B.), and Doctor of Medicine (M.D.)

BACHELOR OF MEDICINE.

3. Candidates for the degree of Bachelor of Medicine are required to matriculate and to attend during five sessions of at least eight months each the courses of instruction presented, and to pass five examinations taken in the following order: The first at the end of the first session; the Second at the end of the second session; the Third at the end of the third session; the Fourth at the end of the fourth session; and the Fifth at the end of the fifth session.

ENTRANCE.

4. Candidates for the degree must pass the Matriculation examination[s] unless (1) they possess a degree in Arts not being an Honorary Degree, from any Dominion or British University; or (2) have already matriculated in the Faculty of Arts or in the Faculty of Law in this University.

5. Students are required to complete matriculation before being admitted to the course in Medicine.

6. No fee will be charged for transferring from the Faculty of Arts to that of Medicine.

REGISTRATION.

7. Students entering the University are required to submit the certificates, on which they claim standing, to the Registrar of the University before being permitted formal registration with the Secretary of the Faculty.

8. Registration for Clinical classes begins on October 1st and under no circumstances will any student be signed up before that date. Registration will not be accepted by letter, neither is one student permitted to sign for another, but each must register in person.

9. No student shall be allowed to register in the Faculty of Medicine after the fifteenth day of October of any year, and must be in actual attendance from the date of registration and no student shall be admitted to any laboratory or clinical course after that date, except at the discretion of the instructor concerned. Any student desirous of repeating any year more than once must obtain the permission of the Faculty Council before being allowed to do so.

11. Regular attendance in all the courses of the year shall be required as well as a satisfactory repetition of the work of each course from any student who may be repeating his year.

12. Candidates who have been conditioned in one or more subjects at any examination and who are thereby prevented from registering in the next succeeding year may repeat the subjects in which they have been conditioned on payment of a fee of $20.00 for each course.

13 *A student who has attended the course of instruction in any year will be required to complete the examinations for that year before he will be permitted to register in the succeeding year.*

ATTENDANCE.

14. Candidates are required to attend lectures and receive practical instruction during each of five years at this University.

15. The Senate may accept certificates of attendance at the lectures and practical instruction in the laboratories of affiliated and other recognized institutions. A student who fails to do satisfactory term work in any subject is not permitted to present himself for examination in that subject, either theoretical or practical, until he is able to present satisfactory certificates of term work completed. A student who for any reason may be required to repeat his year, must repeat his attendance at all the courses of the year and must produce evidence of having satisfactorily repeated the work of each course.

16. In cases of students applying for temporary positions in hospitals, the permission of the Faculty Council must be obtained before they will be allowed to absent themselves from the lectures and laboratory work of the University.

FEES FOR INSTRUCTION.

Regular Students in Medicine.

17. All University fees are payable to the Bursar, at his office in the Main University Building between the hours of ten and one o'clock, except on Saturday.

18. *Regular Students.* First, Second, Third, Fourth and Fifth Years—Annual Fee, including tuition, library, laboratory supply,* hospital and one annual examination:—

If paid in full on or before November 10th..... $150.00

It should be understood that the programme and regulations regarding courses of study and examinations contained in this Calendar, hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole five years of a student's course, to the conditions here laid down.

By instalments:—

First instalment, if paid on or before November 10th..... $75.00

Second instalment, if paid on or before February 10th..... 80.00

19. *The composite fee of $150 includes one session's clinical facilities at the Toronto General Hospital, St. Michael's Hospital and the Hospital for Sick Children, but does not cover the midwifery ticket for the Burnside Lying-in Hospital, which must be obtained there.

20. *Combined Courses in Arts and Medicine.*

Annual Fee, including college registration, library, laboratory supply and one annual examination.

	Arts Fees.	Medical Fees.	Total.
First Year Arts	$58.00		$58.00
Second Year Arts	58.00		58.00
Third Year Arts and First Year Medicine	59.00	$85.00	144.00
Fourth Year Arts and Second Year Medicine	62.00	85.00	147.00

The fees for the Third, Fourth and Fifth Years in the Faculty of Medicine are as for regular students.

21. Payments of the Medical portion of the fees:—

If paid on or before November 10th $85.00

By instalments:—

First instalment, if paid on or before November 10th..... 45.00

Second instalment, if paid on or before February 10th..... 45.00

22. *Repeating the Year.*

If paid in full on or before November 10th..... 50.00

23. The following fees for Occasional and Post Graduate Students have been instituted:—

(1) That candidates for a higher degree in Medicine, or graduates conducting research work, be required to register and pay a fee of $5.00.

(2) That graduates or undergraduates wishing to repeat any undergraduate course in Medicine be charged $20.00 per course.

(3) Students in Dentistry taking a course in Anatomy will be required to pay a fee of $20.00.

24. The above fees are payable in advance. After November 10th, a penalty of $1.00 per month will be imposed until the whole amount is paid. In the case of payment by instalments the same rule as to penalty will apply. A student will not be admitted to any of the University lectures or laboratories who is in arrears for his fees.

25. *General Fees.*

Matriculation, or registration of Matriculation..... $5.00

Supplemental examinations..... 10.00

Admission *ad eundem statum*..... 10.00

Degree of M.B..... 20.00

Degree of M.D..... 20.00

Admission *ed eundem gradum*..... 20.00

In the case of candidates for the Final Examinations, the fee for the degree must be paid to the Bursar not later than the 20th March.

INSTRUCTION.

26. The course of instruction given by the Faculty of Medicine consists of five sessions of eight months each, preparing students for the degree of M.B. and for becoming general practitioners of Medicine.

27. The course is so framed that the requirements of the various Provincial Licensing bodies are fulfilled and it aims at giving the student such a training in the sciences as is now exacted of all those who desire to obtain any British Medical qualification in addition to a Canadian one.

28. During the early years an effort is made to give the student a scientific foundation for the work which he takes up in the later part of his course. In each of the scientific departments, however, the fact that the student is about to become a general practitioner, is particularly kept in view, and the student's work in the primary subjects is but a means towards an end.

29. In the First Year, instruction in the subjects of Chemistry (Organic and Inorganic) Physics, Biology, Mammalian Anatomy and Embryology is given by both laboratory and didactic methods. In Anatomy, the subdivision of Osteology is taught in small classes. Histology is also begun in this year.

30. In the Second Year, the major part of the subjects of Anatomy, Physiology and Biochemistry is presented to the student; the subject of Histology is completed; and a course in Bacteriology is given.

31. During the Third Year an attempt is made to bridge the gap which so commonly exists between the primary scientific and the final clinical subjects, by taking up Anatomy and Physiology at the same time as Surgery and Medicine throughout the year. Preliminary courses in Pathology and Pathological Chemistry are given during the Easter term. Instruction is also given in Pharmacology. Particular attention is paid during this year to teaching the student the methods of physical examination of both Medical and Surgical cases.

32. In the Fourth Year, the student devotes all his morning and one afternoon a week to clinical work at the various Hospitals. He spends the remainder of his afternoons at didactic lectures and at laboratory work in Pathological Histology and Gross Pathology. The clinical instruction is so directed as to prepare the student to undertake the complete physical examination of any patient, the greater part of his time being occupied with Medical and Surgical cases. In this year the student is introduced to the subjects of Obstetrics, Gynaecology and the specialties of the Eye, Ear, Nose and Throat. Several weeks are spent in the study of Paediatrics and Orthopaedic Surgery at the Hospital for Sick Children. Lectures are also delivered during this year in Special Pathology, Therapeutics, Surgical Anatomy, Medical Jurisprudence, Toxicology and Hygiene.

33. During the Fifth Year the student devotes one period of ten weeks to Clinical Medicine (including Paediatrics and the study of Tuberculosis); one of ten weeks to Surgery (including Orthopaedics) and Surgical Pathology; and one to Clinical Therapeutics, Gynaecology, Ophthalmology, Otolaryngology, Dermatology, Infectious Diseases, Neurology and Psychiatry. Those students whose work and standing justify it, will be given special advanced courses of laboratory work in Pathology and Pathological Chemistry or some special instruction in one of the clinical departments. Clinical lectures in Medicine, Surgery and special subjects, Pathological Conferences, and short courses of lectures on Medical Ethics, History of Medicine, and Life Insurance, are also given in the Fifth Year.

SCIENCE COURSES FOR STUDENTS IN MEDICINE.

34. The special attention of students about to enter the undergraduate course in Medicine is directed to the new Science curricula in arts, providing two Special Courses adapted particularly as preparatory to the instruction given in the final years in Medicine. These courses are:—(1) The Biological and Physical Sciences Course and (2) The Physiological and Biochemical course. A student who proceeds to the degree of B.A., by either of these courses may, immediately after graduation, enter the Third Year in Medicine, and after completing the Fifth Year of the Medical Course, present himself for the degree of Bachelor of Medicine. It is thus possible for a student to obtain the degrees of Bachelor of Arts and Bachelor of Medicine after seven years' study at the University.

35. In the curricula of the two Arts Courses the Science subjects are treated much more extensively than they are in the Medical curriculum and in either course along one of two lines. In the Biological and Physical Sciences Course emphasis is laid on the structural and developmental features of animal life and on oecology and parasitology. In the Physiological and Biochemical Course special attention is given to the functional, chemical and other phenomena of living matter.

36. The Biological and Physical Sciences Course completes the requirements of the First two years in Medicine with the exception of Bacteriology of the Second Year. The course in Physiology and Biochemistry completes the requirements of the curriculum of the first three years in Medicine as to Primary subjects, with the exception of Bacteriology of the Second Year.

37. These courses not only afford opportunities for a broader training and greater scientific attainment than is possible in the more limited five years' course in Medicine but they fit the student for a much wider field of usefulness after graduation. The graduate who has taken one of the Science Courses in Arts and subsequently the Course in Medicine is qualified to devote his life to one of the purely scientific lines of Medicine, if he should so elect, after leaving the University, and moreover, he is, undoubtedly, better fitted to practice his profession should he desire to prepare himself for that alone.

38. Students who proceed to the Arts degree through other Science Courses may, on entering the Faculty of Medicine, be allowed exemption from such subjects in Medicine as they have taken in the curricula of the Faculty of Arts.

EXAMINATIONS.

39. The annual examinations are styled the First, Second, Third, Fourth and Fifth examinations, and are to be passed at the end of the First, Second, Third, Fourth and Fifth academic years respectively.

40. The annual examinations are held in May, and the supplemental examinations in September. An examination in the Clinical subjects of the final year will be held during the first week in February, and students who have been conditioned in Clinical subjects only, may present themselves for this examination. Candidates who fail in the first professional examinination in May are able to take advantage of a special qualifying course in Physics, Chemistry and Biology which is now provided by the University during the summer months and may thus qualify for the September examination. For more definite information see the summer session announcement.

41. A minimum of fifty per cent in each subject is required to pass, and seventy-five per cent. for honours. Candidates at any examination who have passed in the majority of the subjects required may present themselves at the supplemental examinations next ensuing, in the subjects in which they failed, and on passing at such examinations, shall be allowed their year.

42. A candidate who has failed to pass in the majority of the subjects required at one annual examination, and has either not presented himself or has failed to pass in all subjects in the next ensuing supplemental examination, must repeat his attendance at all courses of the year and must produce evidence of having satisfactorily repeated the work of each course, before he will be allowed to again present himself for examination.

43. Undergraduates below the standing of the Fifth Year, who have been rejected or who have been prevented from attending the annual examinations, by sickness, domestic affliction, or other causes beyond their control, may present themselves for examination at the Supplemental examinations in September.

44. Candidates who failed to attend at the annual examinations must prove to the satisfaction of the President before presenting themselves in September, the existence and sufficiency of the alleged cause of absence.

45. Undergraduates of the Fifth Year who have failed in not more than three subjects may present themselves for examination in the said subjects at the Supplemental examinations in September.

46. In the case of Graduates or Undergraduates in Natural Sciences or Biology, certificates of attendance on the second course of Practical Anatomy and on the second course of fifty lectures on Anatomy may be presented with the certificates of attendance on the lectures of the Third Year.

47. No application from a student for aegrotat standing shall be entertained unless he has gained 50% of the laboratory or term marks in all departments of his course, or has been granted exemption from the same. Except under unusual conditions a special examination of the candidate shall be held. Such examination, if possible, must be held previously to the final meeting of the Board of Examiners.

ADMISSION TO EXAMINATIONS.

48. A candidate will not be admitted to an examination unless he has paid all the fees due from him.

49. A candidate who sends his application for examination after the day appointed for the receipt of such applications must pay an additional fee of one dollar.

50. No candidate in a course involving practical work in a laboratory will be admitted to examination if the Professor under whom his work is carried on reports in writing to the Secretary that he has not done satisfactory laboratory or clinical work or has signally failed in the practical examinations.

51. Every undergraduate who proposes to present himself at an examination must send to the Secretary a statement (according to a printed form which will be furnished)of the course he is taking, whether he intends to compete for Honours, and such other particulars as the printed form may indicate, together with the original certificates referred to in this statement. At the fifth examination, the candidate is required to submit the following certificates:—

1. Of having conducted at least six labours.
2. Of proficiency in vaccination.
3. Of having attended twelve autopsies.

The certificate of a registered practitioner will be accepted in respect of 1 and 2.

52. The work in the laboratories and in the wards of the hospitals during the session is an essential part of the instruction and will be considered in determining standing at any examination.

53. Before admission to examination the candidate is required to submit evidence of having complied with the regulations respecting attendance upon didactic, laboratory, and clinical work in each of the subjects of instruction for the year in which he seeks examination. A certificate is issued by the University, and must be signed by the head or heads of each department of instruction.

54. All students presenting themselves for Supplemental Examinations in Clinical Subjects of the final year, must produce a certificate from a qualified physician or surgeon on the staff of a recognized general hospital of not less than fifty (50) beds, stating that they have done not less than two (2) months' clinical work in the hospital, subsequent to their last examination.

EQUIVALENT HONOUR COURSES AND EXAMINATIONS.

55. The following Honour courses of instruction and examination in the Faculty of Arts are accepted in the place of courses of instruction and examinations in the Faculty of Medicine, subject to possible amendment during the present session, according to the subjoined scheme.

Faculty of Arts.		Faculty of Medicine.
1. First Year Biology.	equivalent to	First Year Biology.
2. First Year General Course Physics.	equivalent to	First Year Physics.
3. First and Second Years Physics of the courses in Mathematics and Physics and in Natural & Physical Sciences.	equivalent to	First Year Physics.
4. Mammalian Anatomy of Second Year Biological and Physical Sciences and Third Year Biology.	equivalent to	First Year Mammalian Anatomy.
5. Histology and Cytology of courses in Third Year Biological and Physical Sciences.	equivalent to	Histology of First and Second Years.
6. Embryology of Third and Fourth Years of courses in Biological and Physical Sciences and Biology.	equivalent to	Embryology of First Year.
7. Physiology and Biochemistry of Third and Fourth Years of course in Biological and Physical Sciences.	equivalent to	Physiology and Biochemistry of Second Year.
8. Chemistry of First and Second Years of courses in Biological and Physical Sciences.	equivalent to	Chemistry of First Year.

9. Anatomy of Third and Fourth Years of course in Biological and Physical Sciences.	equivalent to	Anatomy of First and Second Years.
10. Anatomy of the Second and Third Years of the Physiological and Biochemical Course.	equivalent to	Anatomy of First and Second Years.
11. Physiology and Biochemistry of the Third Year in the Physiological and Biochemical Course.	equivalent to	Physiology and Biochemistry of Second Year.
12. Physiology and Biochemistry of the Third and Fourth Years of the Physiological and Biochemical course, including Physiological Neurology.	equivalent to	Physiology and Biochemistry of the Second and Third Years.

EQUIVALENT EXAMINATIONS.

56. Courses of lectures and examinations in the Faculty of Arts are accepted in the place of courses of lectures and examinations in the Faculty of Medicine, according to the following scheme:—

Faculty of Arts.		**Faculty of Medicine**
1. The instruction and examinations of the Third Year in the Physiological and Bio-chemical course.	equivalent to	The course and examinations in the Second Year except in Bacteriology.
2. The instruction and examinations in the Fourth Year of the in Physiological and Biochemical course.	equivalent to	The course and examinations of the Primary Subjects in Medicine except in Bacteriology.
3. The instruction and examinations in Physiology and Biochemistry of the Third and Fourth Years in the Biological and Physical Sciences.	equivalent to	The course and examinations in Physiology and Biochemistry of the Second Year.

4. The instruction and examinations of the Fourth Year of the course in Biological and Physical Sciences.	equivalent to	The course and examinations in the Second Year, except Bacteriology.

57. Candidates who desire to compete for scholarships and medals are required to submit to the annual examination in all the subjects of each examinations, though otherwise entitled to partial exemption according to the preceding scheme; and candidates not competing for scholarships or medals, who are entitled to exemption according to the preceding scheme, will rank in Honours in these subjects.

SUBJECTS OF THE DIFFERENT EXAMINATIONS.

58. FIRST EXAMINATION.

1. Biology.
2. Mammalian Anatomy.
3. Histology.
4. Embryology.
5. Inorganic Chemistry.
6. Organic Chemistry.
7. Physics.
8. Anatomy.

59. SECOND EXAMINATION.

1. Anatomy.
2. Physiology.
3. Biochemistry.
4. Histology.
5. Bacteriology.

60. THIRD EXAMINATION.

1. Anatomy.
2. Physiology.
3. Pharmacology.
4. Clinical Medicine.
5. Surgery and Clinical Surgery.
6. Pathology.
7. Pathological Chemistry.

61. FOURTH EXAMINATION.

1. Medicine and Clinical Medicine.
2. Surgery and Clinical Surgery.
3. Pathology and Practical Pathology.
4. Obstetrics.
5. Gynæcology and Clinical Gynæcology.
6. Hygiene and Preventive Medicine.
7. Medical Jurisprudence and Toxicology.
8. Topographical Anatomy.
9. Pathological Chemistry.

62. FIFTH EXAMINATION.

1. Medicine and Clinical Medicine.
2. Surgery and Clinical Surgery.
3. Pathology and Practical Pathology.
4. Obstetrics.
5. Gynaecology.
6. Clinical Ophthalmology, Clinical Oto-Laryngology.
7. Therapeutics.
8. Paediatrics.
9. Pathological Chemistry.
10. Clinical Psychiatry.

EXAMINATIONS FOR HONOURS.

63. Candidates for Honours in the Faculty of Medicine must comply with the following regulations:—

(1) Honour papers or examinations in addition to pass papers shall be set in each subject of an honour group.

2. These honour papers shall be given in the last year in which the individual subject is taught but in the Clinical subjects the examinations for honours shall be held in the final year.

(3) The honour papers shall be of a more difficult character than those set for pass candidates.

(4) No student shall be allowed to compete for Honours in more than one of the groups of subjects constituted as annexed, but he may be allowed to postpone his election of the group till before the examination of the Fourth Year.

(5) The candidate will not be allowed to elect a group in the Fifth Year who has not obtained Honour Standing in all the subjects of that group which belong to the previous years.

(6) In certain of the groups (2 and 4) the Honour Pathology paper shall be of a kind emphasizing the pathology relating to the other subjects of those groups.

(7) The term "Pathology" shall be understood to include Bacteriology.

(8) Honours shall be of one class only and to reach this standing the candidate must obtain 75% of the marks in each examination, pass and honour of the subjects of a group.

(9) In each of the other(pass) subjects of the respective years the candidate for honours must obtain 50% of the marks allotted.

(10) A candidate who has obtained honours in all the subjects of the honour group he elects shall at graduation be given the degree with Honours —and in the graduating class list his name shall appear with a statement indicating that fact and mentioning the group in which honours were so obtained.

(11) That candidates for Honours in the subjects of Groups I, II, and IV must take, in the Fifth Year, one special advanced course of sixty hours in Pathology or Pathological Chemistry and one special course in clinical instruction.

(12) That candidates for Honours in Group III must take two such laboratory courses of sixty hours in Pathology or Pathological Chemistry.

64. The subjects are grouped for Honours as follows, and after each subject the year in which the Honour paper is set is indicated in brackets:—

Group 1. Medicine (Fifth Year).
Clinical Medicine (Fifth Year).
Pathology (including Bacteriology) (Fifth Year).
Neurology (Third Year).
Therapeutics (Fifth Year).
Pharmacology (Third Year).
Pathological Chemistry (Fifth Year).

Group 2. Surgery (Fifth Year).
Clinical Surgery (Fifth Year).
Pathology (Fifth Year).
Anatomy (Third Year).
Gynaecology (Fifth Year.)

Group 3. Clinical Medicine (Fifth Year).
Physiology (Third Year).
Biochemistry (Second Year).
Pathological Chemistry (Fifth Year).
Pathology (including Bacteriology)(Fifth Year).

Group 4. Obstetrics (Fifth Year).
Gynaecology (Fifth Year).
Paediatrics (Fifth Year).
Pathology (Fifth Year).
Anatomy (Third Year).

ADMISSION AD EUNDEM STATUM.

65. Undergraduates of other Universities applying for admission *ad eundem statum* must present certificates of having passed the examinations in the various subjects of this curriculum preliminary to the examination for which they desire to present themselves.

Application for Equivalent Standing.

66. Any student of another University who desires to be admitted to the Medical Department of this University with equivalent standing is requested to send his application to the Secretary of the Medical Faculty together with:—

1st. A Calendar of the University in which he has studied, giving a full statement of the courses of study.

2nd. A complete statement of the course he has followed.

3rd. A certificate of the standing gained, and of conduct. These will be submitted to the Faculty ,who will decide what examination may be necessary before admitting the candidate.

DOCTOR OF MEDICINE.

67. A Bachelor of Medicine will be eligible for the Degree of M.D. on the following conditions:

(1) At least one year must elapse between the date of conferring the degree of M.B. and that of conferring the degree of M.D.

(2) He must present an approved thesis embodying the results of an original research conducted by the candidate in any department of Medicine.

(3) The subject of the thesis must be submitted to the Registrar for the approval of the Board of Post Graduate Studies at least five months before the degree is conferred.

(4) The degree may be conferred at any regular meeting of the Senate.

ADMISSION AD EUNDEM GRADUM.

68. A graduate of any of the Universities in Great Britain or Ireland, if his degree be not an honorary one, may be admitted to the like degree in the University of Toronto. He must send in his certificate to the Registrar at least two weeks before the first meeting of the session of the Senate at which his application is to be brought forward.

MEDALS AND SCHOLARSHIPS.

Medals.

69. The Faculty offers a gold medal and three silver medals annually for competition among those students of the Medical Faculty who are candidates for the degree of M.B., which will be awarded by the Senate on the recommendation of the examiners.

Undergraduate Scholarships.

70. The following scholarships are annually offered for competition amongst students who attend the Lectures of the University Medical Faculty:—

At First Examination.....one of $50
At First Examination.....one of $30
At Second Examination.....one of $50
At Second Examination.....one of $30

71. Every student taking a scholarship is required to sign a declaration that it is his intention to pursue his medical studies for three or four years, according to the year in which he has taken such scholarship, and to proceed to a degree in the University of Toronto, and that he is not an undergraduate or graduate in the Faculty of Medicine of any other University.

72. No scholarship will be awarded to any candidate who has not obtained honours in the examination for which it is conferred.

73. Each scholarship is tenable for one year only, but a scholar of one year is eligible for the scholarship of a succeeding year.

74. The scholarships or medals are not open to those who are at the same time undergraduates or graduates in Medicine of another University.

75. No undergraduate in the Honour course, who shall have degraded into a lower year, shall be permitted at any ensuing examination to compete for medals or scholarships, except by special permission of the Faculty, to be granted only in case of illness or for other grave reasons.

THE GEORGE BROWN MEMORIAL SCHOLARSHIP IN MEDICAL SCIENCE.

76. Dr. A. H. F. Barbour, of Edinburgh, having placed a sum of money at the disposal of the University of Toronto, for the purpose of founding a Scholarship in Medical Science in Memory of the late Hon. George Brown, the following regulations have been adopted with regard thereto:

This scholarship shall be called the George Brown Memorial Scholarship in Medical Science and shall be awarded annually at the Convocation for conferring degrees in Medicine to the Bachelor of Medicine who shall have distinguished himself most in the subjects of Anatomy, Biology, Physiology, Biochemistry, Pharmacology, Pathology and Pathological Chemistry.

The award shall be made by a committee composed of the Professors in these subjects who shall report as to the successful candidates, after having given due attention to the results of the annual examinations, and to the character of the work done by the candidates in the University laboratories.

The holder of the scholarship during the year of tenure is required to engage in original research in any one of the laboratories of the University on some subject bearing on the advancement of medical science—the laboratory providing the material for the investigation.

The scholarship is to be paid in two portions, two-thirds at the time of award and one-third six months later, on the holder giving satisfactory report (to whomsoever the University may appoint) of the work he has already done.

A report of the research, when completed, is to be given to the University.

The value of the scholarship consists in the proceeds of one thousand pounds sterling, invested at the rate of interest secured by the University for such benefactions.

The Starr Medals.

77. The late Richard Noble Starr, M.D., devised certain property for the encouragement of post-graduate study in Anatomy, Physiology and Pathology, and in fulfilment of this object one gold and two silver medals called the "Starr Medals," are awarded annually to three candidates for the degree of M.D., who have shown by the theses which they have presented for that degree, that they have successfully pursued such study in any one of these subjects. The theses for which these medals are given must attain a standard approved of by the Board of Examiners, and the relative value of the theses will determine the rank of the candidates for the medals.

George Armstrong Peters' Scholarship.

78. The Scholarship will be awarded biennially to a graduate student of the University of Toronto on the recommendation of the Department of Surgery.

The first award will be made in 1912 and the holder of the Scholarship will be required to undertake work, in one of the Departments of the University, which will have some special bearing on Surgery.

This Scholarship will be available for any graduate who wishes to do special research work in connection with the Department of Surgery or in co-related subjects.

A graduate wishing to obtain the Scholarship must apply to the Department of Surgery and present his credentials, and the award will be made on the recommendation of the Department.

Chappell Prize.

79. Dr. Walter F. Chappell of New York, a graduate in the Faculty of Medicine of the University of Toronto, has established a prize of Fifty Dollars ($50.00) per annum to be awarded in alternate years to the best student of the final year in Clinical Medicine or Clinical Surgery. In June 1913 the prize will be awarded in Clinical Medicine.

Residence for Men.

By the generosity of Mr. and Mrs. E. C. Whitney and other friends, the University can now offer to some hundred and fifty men the peculiar advantages of residential life and excellent accommodation within its own grounds. The Residence, opened in November, 1908, consists of three Houses situated on the north side of Hoskin Avenue, opening upon a quadrangle, the fourth side of which is formed by Devonshire Place. They stand about two hundred yards to the north of University College and of the University Dining Hall and close to the University Gymnasium and Athletic Field. The buildings are known as the South, East and North Houses.

Each house contains twenty-four single rooms, one single suite, one double room and eleven suites, a suite comprising a study and two bed rooms. A large room in each building, with an open hearth and a library, has been set aside as a common room. A lavatory with hot and cold shower baths is provided for every eight men. The buildings are heated by steam and lighted by electricity.

The University supplies the table, chairs, book-case, chiffonier, bed, mattress, pillows, linen and window shades for each room; it is prepared to furnish a drop-light for a nominal rental.

Each occupant is charged $2.50 room-rent per week, payable to the Bursar four weeks in advance. The charge for each single suite is $3.50 per week. These charges cover heat, light, house-service, house-laundry, and the use of the telephone. There is no separate dining hall connected with the Residence, but board may be obtained at the adjacent University Dining Hall for $3.00 per week.

Applications for rooms must be made in writing to the Secretary of the Residence Committee (address the Registrar's Office) and must be accompanied by a deposit of $5.00. This deposit will be returned if the application be not granted or if the application be withdrawn in writing before September 8th. It will be returned in full at the end of the College year if the room key be given back and the room and furniture left in a satisfactory condition. The following principles govern the allotment of rooms: (*i*) No student, who as a result of the annual spring examinations is not assured of being able to proceed to the subsequent year, will be admitted into the Residence. (ii) The rooms in each House will be distributed proportionately between the various Faculties and Years. (iii) Rooms will be reserved for members of the incoming First Year until September 18th. (iv) Applications will be considered in order of priority.

The University lays down three general rules, designed to prevent hazing, the use of intoxicants and gambling. The students in each House shall elect a House Committee, which is entrusted by the University with the making and enforcing of any other needed rules and with the maintenance of order. A member of the Faculty resides in each House to act as friend and adviser to the men in residence.

CURRICULUM FOR THE DIPLOMA OF PUBLIC HEALTH.

1. The University provides a Diploma in Public Health (D.P.H.) on the conditions hereinafter detailed.

2. Candidates for the Diploma must be graduates in Medicine of this University or of some other University recognized for this purpose by the Senate.

3. The curriculum leading to the Diploma shall extend over one Winter Session of eight months and one Summer Session of three months.

4. The Winter Session shall be devoted to Laboratory work in

a. Sanitary Chemistry.
b. Bacteriology.
c. Parasitology.

and to courses in

d. Advanced General Hygiene.
e. Advanced General Pathology, including Theory of Immunity and Comparative Pathology.
f. Elements of Geology, Meteorology and Climatology, in their relation to Public Health.
g. Sanitary Engineering.
h. Sanitary Legislation and Vital Statistics.
i. Clinics on Contagious Diseases.
j. History of Preventive Medicine and Epidemiology.

5. Candidates for the Degree of M.D. may substitute the foregoing Winter Course for such subjects or portion of subjects of the Fifth Year in Medicine as are not demanded by the College of Physicians and Surgeons of Ontario, at its final Examination.

6. The Summer Session shall be devoted to a course of practical work in Public Health under the supervision of the Provincial Board of Health, including the methods of dealing with infectious diseases, inspection of schools and other public buildings, factories and dairies, inspection of water supplies and sewage disposal plants and other forms of municipal sanitation.

7. At the conclusion of the Winter Session an examination will be held on the subjects of the curriculum in Public Health specified in paragraph 4, the passing of which shall be a necessary preliminary to entering upon the practical course indicated in paragraph 6.

8. Candidates who have passed the examination and who present from the Provincial Board of Health a certificate of efficiency in the subjects specified in paragraph 6, will be granted the Diploma of Public Health.

9. The fees for the Course shall be $150, payable in two instalments of $75 each at the beginning of the Winter Session and the Summer Session respectively. The fee for the Diploma shall be $20.

10. Up to and including 1907, graduates in Medicine who have acted as Medical Health Officers for a period of two years may present themselves for the examination referred to in paragraph 7 without preliminary attendance on the Courses of Instruction. For such candidates the fee for the Diploma shall be $100.

CURRICULUM IN DENTISTRY.

DEGREE OF DOCTOR OF DENTAL SURGERY.

Matriculation.

Candidates for the Degree of Doctor of Dental Surgery must pass the Matriculation examination hereinafter mentioned, unless:

1. They possess a degree in Arts (not being an Honorary Degree) from some recognized University; or

2. They have already matriculated in the Faculty of Arts in this or some other University in Canada; or

3. They are matriculants in the College of Physicians and Surgeons of Ontario; or

4. Have passed the Form III. or Form IV, Departmental Non-professional examinations in which the Latin option has been taken, it being understood that the equivalent examinations under titles no longer in force will be accepted; or

5. Have passed an examination and received a certificate which is accepted by the General Medical Council of Great Britain for registration as a student of Medicine or Dentistry.

Candidates not possessing any of the above named qualifications, will be required to pass the examination prescribed for matriculants, in the Faculty of Arts in this University, provided always that candidates registered as matriculants of the Royal College of Dental Surgeons of Ontario, shall be admitted matriculants in the Department of Dentistry.

Candidates for the degree must matriculate before writing on any of the subjects prescribed for the final examinations.

Undergraduates.

Undergraduates (candidates for the degree), residents of the Province of Ontario, must have complied with all the requirements prescribed from time to time by the Board of Directors of the Royal College of Dental Surgeons of Ontario, for admission to examination for a certificate of license to practice Dentistry in Ontario.

Undergraduates (candidates for the degree), not resident in Ontario, must:

1. Have devoted at least three and one-half calendar years (not being engaged in any other business) to the study of Dentistry.

2. Must have attended at least four full courses of lectures, embracing all the subjects of the curriculum of not less than seven months each, and including the daily clinic at a dental school recognized by this University; the last of which courses must be at the School of Dentistry of the Royal College of Dental Surgeons of Ontario.

3. Must have spent that portion of time, when not in attendance at lectures and clinics at the School of Dentistry, as students at the office of an approved dentist.

4. Persons holding the L.D.S. certificate, granted by one of the Medical authorities of Great Britain, and persons holding the B.D.S degree of Melbourne University, Australia, will be admitted as undergraduates in the department of Dentistry, without further examination, and to the final examinations for the degree of D.D.S., on completing one full session at the School of Dentistry of the Royal College of Dental Surgeons of Ontario, and payment of the proper fees.

Examinations.

Candidates for the degree must pass two examinations, an intermediate and a final, an interval of not less than one year intervening between them. Until further provision be made, a certificate of having passed the intermediate examination of the Royal College of Dental Surgeons of Ontario will be accepted by this University.

Candidates for the final examination, which will be held at a time fixed by the Committee on Examinations, must present to the Registrar satisfactory certificates, covering all the requirements relating to undergraduates as given above, and of having passed the intermediate examination. The subjects for intermediate examinations shall be:—

(*a*) Comparative Dental Anatomy.
(*b*) General and Dental Histology.
(*c*) Bacteriology.
(*d*) Anatomy.
(*e*) Physiology.
(*f*) Chemistry.
(*g*) Dental Technic.
(*h*) Theory of Operative Dentistry.
(*i*) Theory of Prosthetic Dentistry.
(*k*) Dental Materia Medica.

The subjects for final examinations shall be:—

(*a*) General Anatomy and special Anatomy of the Head and Neck.
(*b*) Physiology.
(*c*) Chemistry.
(*d*) Surgery and General Pathology. Dental Pathology.
(*e*) Medicine, Physical Diagnosis and Anesthetics.
(*f*) Theory and Practice of Operative Dentistry.
(*g*) Theory and Practice of Prosthetic Dentistry.
(*h*) Science and Practice of Dentistry.
(*i*) Orthodontia.
(*k*) Dental Materia Medica and Therapeutics.
(*l*) The Jurisprudence, Ethics and History of Dentistry.

Candidates shall be examined in practical work from time to time, during the session of the Royal College of Dental Surgeons, on completion of the required work in the Infirmary and Laboratories of the College.

Annual examinations in April, and supplemental examinations in September, will be conducted under the joint auspices of the University and the Royal College of Dental Surgeons of Ontario.

Regular students of the Royal College of Dental Surgeons of Ontario proceeding to the Degree of D.D.S. may take the final examination in any subject at the close of the session in which it is completed in the College.

Candidates will be credited at the Annual and Supplemental examinations for term work and term examinations conducted by the Professors in the several subjects, in the proportion of 30 to 70.

No candidate shall be considered as having passed on any paper unless he has obtained 50 per cent. of the marks alloted to the paper.

Equivalent Examinations.

Examinations in the Faculty of Arts in the Department of Natural Science, Division I, are accepted in lieu of examinations for the degree of Doctor of Dental Surgery, as follows:—

(*a*) Physiology and Chemistry of the Second Year for the Physiology and Chemistry of the intermediate examination.

(*b*) Histology of the Fourth Year for the General Histology and Bacteriology of the intermediate examination.

(*c*) Chemistry of the Third Year and Physiology of the Fourth Year for Chemistry and Physiology of the final examination.

(*d*) On application to the Senate, similar credits may be given for similar examinations passed in the Faculty of Arts or the Faculty of Medicine of other universities.

Fees.

The fee for examination for matriculation, in whole or in part, or for registration of any certificate accepted in lieu of examination, shall be five dollars.

The fee for final examination shall be ten dollars, which shall be paid before writing on any subject of the final examination.

The fee for supplemental examination in one or more of the final subjects shall be ten dollars.

The fee for the degree of D.D.S. shall be fifteen dollars, which shall be paid before writing on the examination of the final year.

No fee shall be charged for transference from any Faculty of the University to the Department of Dentistry.

The fee for admission *ad eundem gradum* shall be twenty dollars.

Concurrent Course in Medicine and Dentistry.

Students who are matriculants in the Faculty of Medicine and in the Department of Dentistry, may take a concurrent course in Medicine and Dentistry which will extend over seven years.

Students taking this course will pass the regular University examinations in the subjects of the Medical curriculum from year to year as they are completed in the Medical Faculty, and in the final Dental subjects of the curriculum in Dentistry, from year to year as they are completed in the Royal College of Dental Surgeons.

Students taking this concurrent course, who have fulfilled all the requirements for the degree of M.B., and who have successfully passed the examination in the Dental subjects of the curriculum in Dentistry, including Dental Materia Medica and Therapeutics, shall receive the degree of D.D.S.

COURSES OF LECTURES.
METHODS OF INSTRUCTION, WINTER SESSION, 1912-1913.

CHEMISTRY.

Professor: W. R. LANG.
Professor of Physical Chemistry: W. LASH MILLER.
Associate-Professor: F. B. KENRICK.
Associate Professor of Organic Chemistry: F. B. ALLAN.
Assistants: H. P. CORLISS, W. A. ARGO, G. BLACKSTOCK, R. BOYD, J. B. COGHILL, J. A. MCRAE, A. J. GALBRAITH, (Michaelmas term) and R. H. MCPHERSON, (Easter term).
All lectures and practical work will be given in the Chemistry Building.

First Year.

Lectures.—Students attend a course of experimental lectures delivered four times a week in the large lecture theatre. This course embraces the study of the non-metallic and metallic elements and their principal compounds based on Mendelejeff's classification of the elements.

The latter part of the lecture course is devoted to Organic Chemistry. The principles of organic analyses and the basis on which the compounds of carbon are classified are explained and the typical compounds and derivatives of the "fatty" series specially described. An elementary study of the "aromatic" series is also included in the course.

Tutorial Classes.—The class also meets one day a week for instruction in arithematical and theoretical chemistry.

Practical Chemistry.—The laboratory work commences with quantitative and qualitive experiments illustrating the fundamental principles of chemistry; this is followed by work more intimately related to analytical chemistry. Instruction in quantitive methods of analysis concludes the course.

Students working in the laboratory are provided with the necessary apparatus on making a deposit of three dollars at the commencement of the session, which will be returned at its close after the following charges have been deducted from it:—

(1) The cost of all apparatus broken or destroyed.

(2) Any fines for breach of laboratory rules.

No certificate will be given for the practical work unless the student has passed the practical examinations conducted during the session.

Text-books:—Remsen's College Chemistry: Newth's Inorganic Chemistry; General Chemistry for Colleges, Alex. Smith; Cohen's Organic Chemistry; Physical Chemistry for Physicians and Biologists, Cohen and Fischer; An Elementary Laboratory Course in Chemistry, Kenrick and DeLury; Outlines of Qualitative and Quantitive Analysis, Lang.

Books of Reference recommended:—Bloxam's Chemistry (Inorganic and Organic); Richter, Inorganic Chemistry; Bernthsen's Organic Chemistry.

PHYSICS.

Professor and Director of the Physical Laboratory: J. C. McLENNAN.
Associate Professor: E. F. BURTON.
Demonstrators: L. GILCHRIST, H. A. McTAGGART, V.E. POUND.
Class Assistants: J. D. BUCHANAN, E. A. HODGSON, MISS F. JOHNSTON, C. W. ROBB.
Lecture Assistant: F. C. ASBURY.

The work of instruction in Physics consists of a series of lectures, and a course of practical work in the laboratories.

First Year.

Lectures.—The lectures on Physics will give a concise outline of the subject, and are intended to form a satisfactory foundation for future study in other branches of science.

The various parts will be treated in an experimental manner, and will be considered in the following order:—

1. MECHANICS:

General notions and terms, such as velocity, acceleration, mass, momentum, force, moments of force, energy; together with calculations to illustrate the laws.

2. HYDROSTATICS:

Pressures and their transmission, specific gravity, and general properties of liquids and gases, capillary phenomena.

3. SOUND:

General explanation of wave-motion, production, propagation and detection of sound waves, reflection, absorption and interference of sound waves, resonance, tuning forks, organ-pipes, vibrating strings and the musical scale, analysis of complex sounds, voice production.

4. HEAT:

Thermometers, thermal expansions, calorimetry, specific heat, latent heat, change of state, kinetic theory of gases, diffusion, and thermal conduction.

5. LIGHT:

Laws of reflection and refraction, mirrors, prisms, lenses, microscope and telescope, dispersion, colour, double-refraction and polarization.

6. ELECTRICITY AND MAGNETISM:

Laws of magnetism; static electricity, condensers, electrical conduction in solids, liquids and gases, voltaic cell, chemical, magnetic and heating effect of the electrical current, potential, Ohm's Law and its applications, laws of electrical resistance, electromotive forces, induction, the induction-coil, high frequency currents and electrical waves and radioactivity.

Practical Work.—The Practical Work, consisting of a laboratory course of fifty hours, designed to illustrate the principles dealt with in the lectures, will be conducted by a number of Demonstrators under the supervision of the Director of the Laboratory.

Regulations.—Deposit Fee: Each student taking the laboratory course is required to make a deposit of two dollars ($2.00) before commencing work. All supplies, apparatus broken or destroyed and all fines will be charged against this deposit, which must be renewed when exhausted. At the close of the session cash balances will be returned on a day appointed for the purpose.

Text-books:—Millikan and Gale, A First Course in Physics; Watson, Text-book of Physics.

BIOLOGY.

Professor of Biology: R. RAMSAY WRIGHT.
Associate Professor of Zoology: B. A. BENSLEY.
Associate Professor of Histology and Embryology: W. H. PIERSOL.
Lecturer in Zoology: E. M. WALKER.
Lecturer in Biology: A. G. HUNTSMAN.
Lecturer and Laboratory Assistant: J. T. SAUNDERS.
Class Assistants: A. D. ROBERTSON, A. R. COOPER, H. J. SHIELDS, J. M. LIVINGSTON, W. HAMILTON, W. H. G. BAILLIE, C. M. HINCKS, E. A. MCCULLOUGH.
Preparator: T. B. KURATA.

First Year.

Lectures.—1. Students of the First Year will attend a course of lectures on general biology, to be given four times a week throughout the Michaelmas Term. This course of lectures is designed as an introduction to the whole range of biological studies. After a sketch of the scope and objects of these, the lectures will treat (1) of the fundamental principles of biology, as illustrated by the simplest animals and plants, (2) of typical forms of higher plants, in ascending order, (3) of typical forms of animals in a similar order, and (4) special reference will be made to those aspects of Biology of interest to students of Medicine.

2. A course of twenty-five lectures given in connection with the practical work of Course 1.

3. A course of twenty-five lectures on embryology during the Easter Term will be chiefly devoted to the development of the external form of the organs and of the tissues of the human body, but the necessary comparative data for the proper understanding of these will be supplied by reference to the embryology of the lower vertebrates. The student may consult the large collection of models of embryology in the Museum, which are now furnished with explanatory labels designed to supplement the instruction given in the lectures.

4. A course of fifteen lectures on the principles of General Histology.

Practical Work.—1. A course of fifty hours' duration is given in the Michaelmas Term, (on General Biology), in which various types are studied and which serve as an introduction to the use of the microscope.

2. A course of seventy-five hours on Mammalian Anatomy as an introduction to Human Anatomy is given during the Michaelmas Term.

3. A course of sixty hours on General Histology.

4. A course of twenty-five hours in Embryology given from a selected series of specimens illustrative of the lectures on that subject—course 3.

Second Year.

Lectures.—A course of ten lectures on the more intricate problems of Human Histology.

Practical Work.—A course of fifty hours in Special Human Histology. The student will have the opportunity of providing himself with a set of typical histological specimens.

Text-books:—Biology: Parker, Bailey—Coleman, McFarlane.

Embryology: McMurrich, Manual of Embryology.

Mammalian Anatomy: Bensley, Practical Anatomy of the Rabbit.

Histology; Piersol, Normal Histology, 8th ed.; Bohm, v. Davidoff and Huber, Text-book of Histology; Bailey, Text-book of Histology, 3rd ed.

Reference Text-books:—Embryology: Bailey and Miller, Keibel and Mall.

PHYSIOLOGY.

Professor of Physiology: T. G. BRODIE.
Assistant in Physiology: J. H. DUNCAN.
Fellows: P. M. O'SULLIVAN, R. C. COATSWORTH.

The following are the courses of Instruction in this Department for Students of Medicine.

Second Year.

1. A course of lectures on Physiology; two a week.

2. An elementary laboratory course in Physiology; five hours a week.

Third Year.

3. A course of advanced lectures on Physiology; two a week.

4. A course of lecture-demonstrations on Neurology and the Physiology of the Sense Organs; two a week.

5. An advanced laboratory course in Physiology.

6. A course of lectures on selected topics in Physiology.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Physiology and Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Physiology, and the results of these, as well as his general work in the laboratory will be used to determine his position in the University Class Lists.

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books:—Stewart, Text-book of Physiology; Halliburton, Handbook of Physiology (last English edition); Brodie's Essentials of Experimental Physiology.

Works of Reference: Schafer, Text-book of Physiology, 2 vols.; Pavlow, The Work of the Digestive Glands, translated by W. H. Thompson.

BIOCHEMISTRY.

Professor of Biochemistry: A. B. MACALLUM.
Demonstrator in Biochemistry: R. E. GABY.
Tutorial Fellows: W. R. CAMPBELL, R. D. DEFRIES.

The following are the Courses of Instruction in this Department for Students of Medicine.

Second Year.

1. An elementary course of lectures in Biochemistry; two a week.
2. An elementary laboratory course in Biochemistry; six hours a week.

Third Year.

3. A course of advanced lectures on Biochemistry for Honour Students; two a week.
4. An advanced laboratory course in Biochemistry for Honour students.
5. A course of lectures on selected topics in Biochemistry.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Physiology and Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Biochemistry and the results of these as well as his general work in the laboratory will be used to determine his position in the University Class Lists.

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books: Plummer, Practical Physiological Chemistry; Halliburton, Essentials of Chemical Physiology; Hawk, Practical Physiological Chemistry; Lusk, Science of Nutrition.

Works of Reference: Schafer, Text-book of Physiology, 2 vols.; Chittenden, Physiological Economy in Nutrition; Pavlow, The Work of the Digestive Gland, translated by W. H. Thompson; Salkowski, Prakticum der Physiologischen und Pathologischen Chemie (3rd edition); Hoppe-Seyler der Physiologisch-und Pathologisch-Chemischen Analyse, bearbeited von Thierfelder (edition 1909).

ANATOMY.

Professor and Director of the Anatomical Department: J. PLAYFAIR MCMURRICH.
Associate Professor: H. W. AIKINS.
Associate Professor of Clinical Anatomy: G. A. BINGHAM.
Lecturer in Anatomy: J. C. WATT.
Demonstrators: C. B. SHUTTLEWORTH, E. R. HOOPER, W. A. SCOTT, C. J. COPP, W. B. HENDRY, A. W. CANFIELD, W. W. JONES, W. W. WRIGHT, N. D. FRAWLEY, G. E. WILSON, N. S. SHENSTONE, O. A. MCNICHOL.

First Year.

Lectures.—Throughout the First Year a course of lectures will be given beginning with a discussion of some of the fundamental principles of Human Anatomy and then proceeding to a consideration of the Anatomy of the Skeleton and the Articulations. Attention will be directed especially to the anatomical relationships and significance of the parts considered, their detailed description being taken up in the tutorial classes.

Practical Work.—During the Easter Term tutorial instruction will be given in Osteology, the class being divided into small sections for this purpose. In connection with these classes arrangements have been made whereby each student may obtain material for private study from the Osteological collection of the Department.

Second Year.

In the Second Year the work will be principally in the Laboratory, each student being obliged to dissect thoroughly the various regions of the body, following the plan outlined in a "Guide to the Dissection of the Human Body." Demonstrators will be in attendance each day for the purpose of superintending the work and of giving instruction, and will hold frequent examinations with the object of testing the student's progress. Certificates of credit in Practical Anatomy will be granted only to those students whose work has been completed to the satisfaction of the instructors in charge.

The Laboratory will be open from 9 a.m. until 5 p.m. every week-day throughout the session, with the exception of Saturdays when it will be closed at 12 noon.

In connection with the laboratory work lectures will be given by members of the staff, reviewing the work that has been completed. The object of this course will be to supplement the work in the Laboratory by calling attention to the relations and significance of the parts that have been studied and by elucidating with the aid of diagrams and models the anatomy of difficult and important structures.

Third Year.

Lectures.—During the Easter Term a course of lectures will be given on the Anatomy of the Central Nervous System.

Practical Work.—In connection with the above course of lectures the class will be divided into small sections, to each of which a Demonstrator will be assigned, for the purpose of a practical study of the anatomy of the Brain.

A course involving the study of series of sections through the human body will also be given, the student being enabled thereby to review the anatomy of the body completely and expeditiously, gaining at the same time more accurate ideas as to the relations of parts than are afforded by dissection.

Opportunity will be afforded, when necessary, for the dissection of parts that were uncompleted in the practical course of the Second Year, or of which a further study seems advisable.

Text-books:—Piersol; Morris; Cunningham's Text-book; Gray; McMurrich's Development of the Human Body; Guide to the Dissection of the Human Body, for the use of Students in the Anatomical Laboratory of the University of Toronto.

Reference Text-books:—Spalteholz, Hand-Atlas of Human Anatomy; Toldt's Atlas of Human Anatomy; Sobotta's Atlas and Text-book of Human Anatomy; Eycleshymer and Shoemaker, Cross-Section Anatomy; Quain's Anatomy; Barker's The Nervous System; Santee, The Anatomy of the Brain and Spinal Cord; Johnston, Nervous System of Vertebrates; Von Bardeleben's Handbuch der Anatomie; Merkel, Topographische Anatomie; Davis, Applied Anatomy.

PHARMACY AND PHARMACOLOGY; MATERIA MEDICA.

Associate Professor: V. E. HENDERSON.
Fellow: N. C. SHARP.
Class Assistants: F. C. HARRISON, A. A. FLETCHER.

Third Year.

Two Courses of laboratory work accompanied by lectures and laboratory talks are given.

Lectures.—1. This Course deals exclusively with pharmacology and is largely illustrated by the laboratory course in pharmacology, but also by lecture room demonstrations. In this course the pharmacology of the various organs of the body are dealt with and also the advantages and differences in usage of pharmacologically allied drugs discussed.

2. This Course consists largely of practical work in prescription writing, but opportunity is taken to discuss the pharmaceutical differences between the preparations contained in the British Pharmacopoeia. Some of the more important drugs not as yet official are also considered.

Practical Work.—LABORATORY COURSE I. Experimental pharmacology. In this course the student obtains an opportunity to become familiar with representatives of the drug stuffs composing the various pharmacological groups. The chief object of the course is to get the student into the habit of accurate observation of the effects produced by drugs and to be able to describe them in accurate pharmacological language. In consequence a great deal of attention is given to the note books kept by each student.

LABORATORY COURSE II. Practical pharmacy. This course is very brief, consisting only of a few hours work on the chemical and physical incompatibles and in dispensing several mixtures, pills and ointments, in order that the student may obtain such insight into dispensing as is necessary to enable him to write prescriptions intelligently.

Text-books:—

Pharmacy and Materia Medica: Henderson.

Pharmacology: Dixon.

Reference Text-books:—Cushny; Sollmann.

MEDICINE.

Professor of Medicine and Clinical Medicine: ALEXANDER MCPHEDRAN.

Associate Professor of Medicine and Clinical Medicine: J. T. FOTHERINGHAM.

Associate Professors of Clinical Medicine: ALLEN M. BAINES, W. P. CAVEN, W. B. THISTLE, A. R. GORDON, R. J. DWYER, H. B. ANDERSON, GRAHAM CHAMBERS.

Associates in Clinical Medicine: H. C. PARSONS; W. GOLDIE, W. J. MCCOLLUM, J. H. ELLIOTT.

Demonstrators in Clinical Medicine: G. W. HOWLAND, E. C. BURSON; H. S. HUTCHISON, F. A. CLARKSON; D. MCGILLIVRAY, B. O'REILLY, W. H. PEPLER; D. KING SMITH; C. J. WAGNER; W. F. MCPHEDRAN.

Assistants in Clinical Medicine: J. S. GRAHAM, G. W. ROSS, J. H. MCPHEDRAN, G. E. SMITH, R. W. MANN, C. S. MCVICAR, G. S. STRATHY, W. D. YOUNG, G. S. YOUNG.

Lectures.—In the Third Year a short course of lectures is given as an introduction to the Study of Medicine, dealing especially with the physiological aspects of disease.

In the Fourth Year a course of forty lectures is given in the amphitheatre of the Toronto General Hospital, dealing with the general pathology and treatment of disease and serving as a fuller introduction to clinical study. The lectures will be illustrated by plates, diagrams and morbid specimens; also by the presentation of patients when the nature of the subject under consideration makes it desirable.

Third Year.

In Clinical Medicine the instruction and work is carried on chiefly in the Out-patient departments of the Toronto General and St. Michael's Hospitals, and in the University and hospital laboratories.

Medical Anatomy and Physical Diagnosis. Three forenoons in the week during the first half of the Session are devoted to demonstrations in the surface anatomy of the body, in the methods of examination and in the normal and abnormal physical signs with their significance, chiefly in the Out-patient departments of the hospitals. For this work the class is divided into small groups, each of which is in charge of an instructor.

In the second half of the session these exercises are continued and in addition, instruction is given in history taking, each student being required to take the history of patients and make the physical examinations, the work being supervised by one of the instructors.

In addition, courses of instruction are given in Pathological Chemistry and Clinical Microscopy and each student is required to do the clinical laboratory investigations relating to his own cases.

Text-books:—Medicine: Osler.

Clinical Medicine: Sahli, Diagnostic Methods; Hutchison and Rainy, Clinical Methods; O'Reilly, Physical Diagnosis.

Fourth Year.

The students of the Fourth Year serve as clinical clerks, devoting the greater part of their time available for Clinical Medicine to the Medical wards, taking the histories, examining patients, and carrying out the clinical laboratory investigation of their cases under the direction of the House Physicians and the Assistant Clinical Instructors.

In addition to this work and instruction, regular clinics are given to ward classes, at which the students present the report of the cases considered. Weekly clinics are held in the hospital amphitheatres at which selected cases are presented.

The Clinical Laboratory. Each Clinical Clerk is required to carry out a full laboratory investigation in connection with each patient assigned to him.

Clinical and Pathological Conference. Each week a clinical and pathological conference will be held throughout the Session. Abstracts of the histories of the fatal cases of the week, with diagnosis made before the autopsy, are read. The specimens are then demonstrated, followed by a discussion of the case.

Fifth Year.

In the fifth year the time will be devoted wholly to Clinical work in the wards and Out-patient departments of the hospitals and in the laboratories. Each student will be required to take charge of a number of patients, personally recording the results of his examination and laboratory work, and to attend and report on the autopsies of fatal cases.

Instruction will be given to classes in the wards and weekly in the hospital amphitheatre.

In the out-patient department, besides the general clinic, there are special clinics in Diseases of the Skin, of the Nervous system and in Tuberculosis, all of which groups of students will attend in rotation.

Infectious Diseases will be demonstrated to groups of students at the large City Isolation Hospital, which affords ample facilities for such purposes.

Text-books:—

Medicine: Osler; Anders; Edwards.

Clinical Medicine: Sahli, Diagnostic Methods; Emerson, Clinical Diagnosis.

Reference Text-books:—

Medicine: Churchill and Peterson, Nervous System; Forcheimer's Treatment of Internal Diseases; Osler, Modern Medicine, 7 vols.; Allbutt and Rolleston System; Mackenzie, The Heart; Mackenzie, Symptoms and their Interpretations; Sutherland, Dietetics; Starr, Nervous Diseases; Purvis Stewart, Diagnosis of Nervous Diseases; Hertz, Constipation.

Clinical Methods and Diagnosis: Simon, Clinical Diagnosis, 5th edit.; Da Costa, Physical Diagnosis; Johnson's Surgical Diagnosis.

Dermatology: Stelwagon, Crocker, Hyde, Morris.

Instruments:—Students beginning clinical work are strongly advised to supply themselves with the following instruments: Microscope, with condenser and oil immersion lens; Haemoglobinometer, Dare; Haemocytometer, Zeiis-Türch; Ophthalmoscope, Lorsch's; Laryngoscope; Stethoscope; Head Mirror; Thermometer; Tape Measure; Dermatograph. Special arrangements have been made for obtaining these instruments.

It is extremely desirable that each student should possess his own microscope, the object being that the instrument which he uses during his laboratory work will be available for his use after graduation.

PAEDIATRICS.

Associate Professors of Paedriatrics: A. M. BAINES, H. T. MACHELL.
Clinical Assistants in Paediatrics: A. W. CANFIELD, D. MCGILLIVRAY.

Fourth Year.

Lectures.—This course comprises lectures to Fourth Year students on such subjects as diseases of the newly born, infant feeding, diseases of the digestive system, etc.

Clinical Work.—Daily clinics are held at the Hospital for Sick Children on Medical and Surgical cases by the Associate Professors and by other members of the Faculty who are on the staff of the Hospital for Sick Children.

Fifth Year.

The Fifth Year, in small groups, will attend the Out-patient Clinic daily at the Hospital for Sick Children.

Text-books:—Diseases of Children, L. E. Holt; Chapin and Pisek.

Reference Text-book: Medical Diagnosis and Treatment, Diseases of Children.

THERAPEUTICS.

Professor of Therapeutics: R. D. RUDOLF.
Demonstrator in Anaesthesia: S. JOHNSTON.
Demonstrator of Therapeutics: C. E. C. COLE.
Assistant in Anesthesia: R. J. MACMILLAN.

Therapeutics is taught in the two final years, and is made as practical as possible.

Fourth Year.

Lectures.—In the Fourth Year a course of lectures is given in which the general principles of the subject are considered in a systematic way emphasis being laid upon the fact that Therapeutics includes far more than the employment of drugs. The whole matter is considered more from the standpoint of disease than from that of drugs and other remedies. Diet, hydrotheraphy, massage, electricity, anaesthesia and climate are also dealt with.

Fifth Year.

Clinical Work.—In the final year the students are taken in groups at the General Hospital and the different methods of dealing with diseased conditions are demonstrated, generally upon actual patients. Here also prescription writing is practiced. Theses demonstrations are quite informal. Demonstrations will be given upon the subject of anaesthesia to groups of students in the final year, and students of the 4th and 5th year will receive individual practical instruction in the administration of anesthetics.

Text-books:—Burney's Yeo's Clinical Therapeutics, 2 volumes; Hare's Practical Therapeutics.

Reference Text-books—Hutchinson & Collier's, Index of Treatment; Lauder Brunton, Action of Medicines; Friedenwald and Rühran, Diet in Health and Disease; Wood, Therapeutics, its principles and practice; Potter, Ortner's Treatment of Internal Diseases; Cushny, Pharmacology and Therapeutics; Shoemaker, Materia Medica, and Therapeutics; Hare System of Therapeutics; Forchheimer's General and Special Treatment of Diseases.

SURGERY.

Professor of Surgery and Clinical Surgery: I. H. CAMERON.
Associate Professor of Clinical Surgery nnd Clinical Anatomy: G. A. BINGHAM.
Associate Professors of Clinical Surgery: A. PRIMROSE, H. A. BRUCE, F. N. G. STARR, P. W. H. MCKEOWN.
Associate Professor of Clinical Surgery and in Charge of Orthopaedics: C. L. STARR.
Associates in Surgery and Clinical Surgery: C. B. SHUTTLEWORTH, J. F. UREN.
Demonstrators in Clinical Surgery: T. B. RICHARDSON, G. SILVERTHORN, E. S. RYERSON, W. J. O. MALLOCH, W. A. SCOTT, W. W. JONES.
Assistants in Clinical Surgery: W. E. GALLIE, A. B. WRIGHT, M.H.V. CAMERON, N.S. SHENSTONE, G. E. WILSON, R. E. GABY, J.A. ROBERTS.

Third Year.

Lectures: A short course of lectures is delivered during the Michaelmas term on the general principles of Surgery.

Clinical Work: In the Third Year each student receives three hours a week of Clinical instruction, on cases which illustrate—

1. Inflammation,
2. Suppuration and Abscess.
3. Surgical Diseases of the Skin; boils, carbuncles, etc.,
4. Sepsis; infection and infective diseases,
5. Wounds.
6. Haemorrhage
7. Ulceration,
8. Gangrene,
9. Hernia,
10. Surgical Landmarks,
11. History Taking,
12. Fractures.
13. Splints, their preparation and application.

Fourth Year.

Lectures: Thirty lectures are given throughout the Session on some of the general principles of Surgery. Short courses are included on the special Surgery of certain regions of the body, *e.g.* the abdomen; the head and neck; the extremities, etc.; the courses varying from year to year. The majority of the lectures are delivered at the Hospitals and are illustrated by Clinical Cases.

Practical Work: A course of practical demonstrations will be given on the details of minor surgical technique under the following headings:—

1. Principles of aseptic and antiseptic surgery.
2. Preparations for operations:
   (*a*) Patient—general preparation; field of operation.
   (*b*) Surgeon and assistants—hands; gloves; gowns; caps; masks; etc.
   (*c*) Instruments.
   (*d*) Room; tables; sterilisers; basins; irrigators; sheets, towels, etc.
3. Dressings; sutures; drains. Their preparation and uses.
4. Instruments.

5. Minor surgical technique.
   Hypodermics; local anaesthesia; lumbar puncture and spinal injections; transfusions, etc.
   Poultices; fomentations; stupes; blisters; cautery; leeches; cupping, etc.
   Enemata: douches, etc.
   Catheters; bougies; sounds, etc.
   Haemostasis; paracentesis, etc.
6. Bandaging.
7. Splints. Their preparation and application.
8. First aid in accidents, drowning, etc.

Each student in this year will be required to take four complete histories during the year. These shall include the history, physical examination, differential diagnosis, description of the operative and non-operative treatment, progress notes, pathological findings, autopsy report and whatever clinical analysis may be necessary. These histories shall be presented to the Clinician and shall be read and, if satisfactory, signed by him and may be used for teaching purposes in Clinic. The four approved histories must be deposited by the student with the Secretary of the Department before April 1st.

Clinical Work: The time devoted to Clinical teaching in surgery is laid down in the time-table for the Fourth Year on page 76.

During this year an attempt is made to give the student a thorough familiarity with all the ordinary types of surgical conditions met with in general practice. He is taught to make a complete examination of any surgical patient in order that he may be able to arrive at a diagnosis and reasonably scientific treatment.

A special course in Orthopaedic Surgery is given at the Hospital for Sick Children.

Fifth Year.

The work of the Fifth Year in Surgery is entirely Clinical with the exception of one mid-day lecture which is partly didactic and partly clinical. For the present the work incident to Dresserships and obligatory upon all candidates will be done in this year.

Text-books:—Rose & Carless; Spencer and Gask.; Minor Surgery, Foote; Surgical Diagnosis, Gould; Physical Examination of Surgical Cases, Ryerson; A Synopsis of Surgery, Ernest W. Hey Groves.

Reference Texy-books:—

Surgery:—Principles of, by Senn, Nancrede, Jackson Clarke; Practice of, by Treves, Erichsen; International Text Book, by Warren & Gould; Modern Surgery, by Roswell Park, American Practice of Surgery; Operative Surgery, Burghard, 4 vols; Surgical Treatment, Cheyne & Burghard; Operative Surgery, by Treves, Jacobson, Bryant, Bickham, Binnie, Kocher. Alexis Thomson; Genito-Urinary Surgery, White and Martin, Keyes,

Casper-Bonney, Taylor, Henry Morris, Morton; Orthopœdic Surgery, Bradford & Lovett, Whitman, Jackson Clarke; Fractures and Dislocations, Stinson; Dislocations and Joint Fractures, Cotton; Treatment of, Scudder; Diseases of the Rectum and Anus, Gant, 3rd. ed.; Surgery of the Chest, Paget; Carl Beck; General Surgery, J. C. Warren, Lexer-Bevan; Preparatory and after treatment in Operative Cases, Haubold Crandon; Surgery of the Brain, Krause.

PATHOLOGY.

Professor of Pathology and Bacteriology and Curator of the Museum and Laboratories: J. J. MACKENZIE.

Lecturer in Bacteriology: D. A. GRAHAM.

Demonstrators of Pathology: B. R. O'REILLY; O. R. MABEE; W. E. GALLIE; A. J. MACKENZIE, G. S. STRATHY, F. E. WATTS, D. E. ROBERTSON.

Fellow in Pathology: C. O. E. KISTER.

Assistants in Clinical Laboratory: D. H. BODDINGTON, N. T. MACLAURIN

Assistant Curator of the Pathological Museum: W. E. GALLIE.

The courses of instruction are as follows:—

Second Year.

Students receive a course of lectures and practical laboratory exercises, during the Easter term in general Bacteriology, including media making, staining and cultivation of pathogenic micro-organisms, the practical isolation and identification of the most important bacteria pathogenic to man.

Third Year.

Lectures.—1. A course of lectures in General Pathology is given during the Michaelmas and Easter Terms.

Practical Work.—2. A laboratory course in Pathological Histology is held four afternoons a week during the Easter Term, illustrating general pathological conditions, including inflammations (acute and chronic) repair, tumors, etc.

3. A practical laboratory class in haematology and clinical microscopy.

Fourth Year.

Lectures.—1. A course of didactic lectures is delivered upon selected chapters of special pathology.

Practical Work.—2. A laboratory course is Pathological Histology takes place four afternoons a week during the Michaelmas Term. The work taken up in this class illustrates the special pathology of the organs. Alternating with this class are a series of Museum Demonstrations arranged to illustrate the course in Pathological Histology.

3. Throughout the Session autopsies are held at the three Hospitals which students are required to attend and take full notes. On the autopsies they have witnessed they are subsequently examined by the Demonstrators of Pathology.

4. Once a week during the Easter Term a Clinical conference on autopsy material is held at the General Hospital.

An advanced laboratory class in surgical pathology may be arranged for students who purpose writing for Honours in Groups 2 & 4.

Fifth Year.

1. The routine work for all students of the fifth year will consist of attendance and assistance at autopsies. Upon such cases as the students have studied in the wards full bacteriological and histological studies will be required.

2. A weekly conference in autopsy material will be held for the whole class.

3. Advanced classes will be held for students who are candidates for honours in groups 1 and 3 and for such other students as may be permitted to attend.

Text-books:—

Pathology:—Adami, Pathology General, vol. I.; Special vol. II; Delafield and Prudden 8th edition.

Bacteriology:—Muir and Ritchie; Hiss and Zinsner; Park. Infection, Immunity and Serun Therapy—Ricketts and Dick.

Clinical Methods:—Hutchison & Rainy; Emmerson; Sahli.

PATHOLOGICAL CHEMISTRY.

Professor of Pathological Chemistry: J. B. LEATHES.
Lecturer in Pathological Chemistry: H. S. RAPER.
Demonstrators of Pathological Chemistry: F. W. ROLPH, D. H. BODDINGTON.
Fellow: H. ORR.

Third Year.

Lectures.—For students in this year a course of lectures will be given on general disorders of the chemical processes of the body.

Practical Work.—Students will receive practical instruction in the Chemical methods employed in the examination of excreta, secretions, organs and body fluids, that are necessary in the study and diagnosis of disease.

Fourth Year.

Lectures.—A course of lectures for students in this year will be given on questions in the pathology of special organs that are capable of chemical treatment.

Practical Work.—In the laboratories provided for clinical pathological chemistry at the hospitals students will be assisted in the chemical examination of material obtained from cases in the wards. Reports of each student's work will be preserved.

An advanced laboratory course will be given to candidates for Honours in the subjects of groups 1 and 3 and for such other students as may be permitted to take it.

Fifth Year.

In addition to the routine clinical laboratory work an advanced laboratory course will be given to candidates for Honours in the subjects of groups 1 and 3 and to such other students as may be permitted to take it.

Textbooks:—Printed directions for laboratory work are given out to the 3rd year class; beyond this the textbooks are the standard works on Physiology and Pathology, with Krehl's Clinical Pathology, trans. by Hewlett, (Lippincott & Co.).

Reference Books:—Oppenheimer, Handbuck der Biochemie; Von Noorden, Metabolism and practical medicine, (trans. by Walker Hall) 3 vols.; Neubauer and Huppert, Analyse des Harns; Schmidt and Strasburger, Die Fäzes des Menschen.

PSYCHIATRY.

Professor in Psychiatry: C. K. CLARKE.
Extra-Mural Professor in Psychiatry: N. H. BEEMER.
Associate Professor in Psychiatry: ERNEST JONES.
Demonstrator in Psychiatry: J. M. FORSTER.
Demonstrator: HARVEY CLARE.

Fourth Year.

Lectures.—A brief series of didactic lectures is given, outlining some of the more important psychoses.

Fifth Year.

Clinical Work.—A clinical course will be given in the Hospital for the Insane. Here the student will be afforded opportunity to obtain a practical knowledge of psychiatry, and to study the laboratory and clinical methods employed in the diagnosis and treatment of various forms of insanity.

Text-books:—White's Outlines of Psychiatry: Clinical Psychiatry, Diefendorf or Stewart Paton.

HYGIENE.

Professor: JOHN A. AMYOT.

As heretofore this Department will provide a course embracing a series of illustrative lectures covering public health laws and regulations, vital statistics and the general problems of sanitation to the candidates for the M.B. degree.

It will also provide special lecture courses in first aid, hygiene and sanitation to students in the Engineering, Forestry Architect, Household Science and Education departments of the University.

Special Laboratory facilities and instruction will be given to those students of the Department of Engineering qualifying for Sanitary Engineers.

The Department is now prepared to give all the necessary Laboratory and other instruction to graduates leading to the Diploma of Public Health, special laboratories having been provided for this purpose.

Text-books:—Parkes; Egbert; Bergey; Rohe and Robins.

MEDICAL JURISPRIDENCE.

Professor: N. A. POWELL.

Fourth Year.

Lectures.—About twenty lectures and class-room demonstrations will be given. These will be illustrated as required by lantern slides and by specimens from the Pathological Museum or from private collections.

The lecture course will embrace *inter alia* a discussion of:—Legal Criminal procedures and the relation of Medical men thereto. Medical evidence, documentary and oral, ordinary and expert. Personal identity of the living and of the dead. Thanatology: The reality of death; *post mortem* changes, autopsies and reports. Causes producing deaths by violence such as the various forms of asphyxia, heat, cold, electricity, etc. Wounds in their medico-legal relations. Blood stains and the examination of blood. Medico-legal aspects of the sexual functions, impotency, sterility and legitimacy. Pregnancy, abortion and infanticide. Rape and allied offences against chastity. Civil and criminal mal-practice. Life Assurance. Medical Ethics.

Text-books: Glaister, Reese, Emerson, Draper.

Reference Text-books: Taylor's Principles; Whitthaus and Becker; Petersen and Haines; Dixon Mann; Cattell's *Post Mortem* Pathology; Greene's Life Insurance; Atkinson's Law in Medical Practice; Cathell's The Physician Himself.

TOXICOLOGY.

Professor of Toxicology: W. H. ELLIS.
Associate Professor of Pharmacology: V. E. HENDERSON.

Two courses of lectures and demonstrations are now given.

COURSE 1. The Chemical detection of poisons, including the identification of the common poisons in their pure state, and their separation from organic matter.

COURSE 2. The pharmacology, symptomology, pathology and therapeutics of poisoning. In this course only the more important poisons are dealt with.

GYNAECOLOGY.

Professor of Gynaecology:
Associate in Gynaecology: F. W. MARLOW.
Demonstrators in Gynaecology: MISS HELEN MACMURCHY, W. B. HENDRY, A. C. HENDRICK.
Assistant Demonstrator: F. A. CLELAND.

Fourth Year.

Lectures.—A series of 30 lectures will be given illustrated by plates and gross pathological specimens.

Pathological Demonstrations.—A series of pathological demonstrations illustrating the various gross pathological lesions met with will be given by the demonstrators, in the Pathological Museum of the New Pathological Building of the University; and in these the pathological and clinical aspects of the work will be brought into close relationship.

Clinical Work.—Clinics will be delivered byt he members of the staff of the department in the Toronto General Hospital and in St. Michael's Hospital. The various methods of examination, the use and application of instruments, the symptoms, diagnosis and treatment of diseases peculiar to women and the technique of operative gynaecology will be demonstrated from time to time.

Fifth Year.

Clinical work will be given to small groups of students.

Text-books:—Dudley; Reed; Garrigue; Ashton; Montgomery; Gilliam; Penrose; Crossen.

Reference Text-books:— Oper. Gynaecol., 2 vols., Cancer of Uterus, Cullen; Douglas, Diseases of Abdomen; Webster, Diseases of Women; MacNaughton Jones, Diseases of Women; Winter & Ruge, Gynaecological Diagnosis, translated by J. G. Clark; Kelly, Stereo-Clinic; Operative Gynaecology, Berkeley and Bonney.

OBSTETRICS.

Professor of Obstetrics: A. H. WRIGHT.
Associate Professors of Obstetrics: H. T. MACHELL, K. C. MCILWRAITH.
Associate in Obstetrics: F. FENTON.
Demonstrators in Obstetrics: J. A. KINNEAR, M.M. CRAWFORD.
Assistant Demonstrators: S. J. N. MAGWOOD, W. J. MABEE.

There will be two separate courses in Obstetrics; one in physiological obstetrics, and the other in pathological obstetrics.

The course in Physiological obstetrics will include the following: anatomy and physiology of the female organs of reproduction; physiology of pregnancy; physiology, mechanism and management of labour; management of the puerperal state; management of the infant.

The course on pathological obstetrics will include: diseases of pregnancy, abortion and premature labour, dystocia, accidents before and after delivery, obstetrical operations, puerperal diseases, including septicaemia. Practical demonstrations will be given on the phantom or cadaver, and diagrams, specimens, models, etc., will be used in illustrating the various subjects treated of in the two courses.

Text-book:—Obstetrics, Adam Wright.

Reference Text-books:—Whittridge Williams; Galabin; Evans,; Jellett; Edgar; Jewett; Eden; Davis (Operative Obstetrics).

OPHTHALMOLOGY AND OTOLOGY.

Professors: R. A. REEVE, G. S. RYERSON, G. H. BURHNAM.

Fourth Year.

Ophthalmology:

A short course of didactic lectures will be given. Ample facilities will be afforded in the out-patient services for acquiring a knowledge of Refraction and of the use of test-lenses; and also of the ophthalmoscope and other instruments employed in diagnosis, so that the student may become practically acquainted with methods in vogue and their application. The anatomy and relations of the eye and orbit will also be considered.

Fifth Year.

Instruction will be wholly clinical and practical, and will include, Ophthalmoscopy and its bearings; the bacteriology and pathology of the eye and adnexa; and operations.

Otology:

There will be a short course of didactic lectures. Clinically, otology is grouped with diseases of the nose and throat.

Ophthalmology:—

Text-books:—Manuals of Diseases of the Eye, Berry; J. Edward Jackson; May; Mayou; Nettleship; Parker; Swanzy; Veasey; Wood & Woodruff.

Works of Reference:—de Schweinitz; Weeks; Fuchs; Posey & Wright; Theobald; Ball.

Otology:—

Manuals:—Bacon.

Works of Reference:—Politzer; Ballenger; Barnhill & Wales.

OTO-LARYNGOLOGY.

Professor: G. R. MCDONAGH.

Associate Professor: D. J. GIBB WISHART.

Associate GEOFFREY BOYD.

Demonstrators: PERRY G. GOLDSMITH, G. ROYCE.

The course of instruction in oto-laryngology is carried on in the out-patient department of both the Toronto General and St. Michael's Hospitals.

This course is carried on during both the fourth and fifth years of the curriculum.

Fourth Year

During the Fourth year a series of lectures will be delivered upon the various diseases of the ear, nose, and throat, ordinarily met with by the general practitioner.

In the fourth year the students will receive instruction in:

(1) The normal anatomy of the ear, nose and throat.

(2) The methods of using the head mirror and the various instruments required in examining the ear, nose and throat.

(3) The ordinary tests for hearing.

(4) The recognition of the ear, nose, and throat in their normal conditions, as exemplified by clinical material.

Fifth Year

In the fifth year the students will be divided into small groups for the purpose of studying the commoner pathological conditions affecting the various organs, and as much clinical material as possible will be utilized for the purposes of personal observation.

At the close of each class instruction in the fourth year, a clinical examination will be held, and at the final (fifth year) examination the test will be clinical.

Text-books:—Parker, Throat and Nose; St. Clair Thompson, Throat and Nose; Albert Gray, Ear; Lambert Lack, Throat and Nose; Watson Williams, Throat and Nose; Phillips, Throat, Nose and Ear; Ballenger, Throat, Nose and Ear.

LECTURES IN DENTISTRY.

The Faculty have arranged for a course of lectures to be delivered during the Session, on the Application of Dentistry to Medicine. The instruction will be given by a man properly qualified for the purpose and will be delivered to the students of the final year. The course will be obligatory.

FIRST YEAR TIME-TABLE, FIVE YEAR'S COURSE, SESSION 1912-13.

Michaelmas Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. B. Biology Pr. A.	Biology Pr A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Biology.	Anatomy.	Anatomy.
10-11	Physics Pr. B. Biology Pr. A.	Biology Pr. A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Biology Pr. B. Mammalian Anatomy A.	Biology.	Biology.
11-12	Physics.	Chemistry	Biology.	Biology Pr. A. Mammalian Anatomy B.	Physics.	
12-1	Chemistry	Biology.	Chemistry.	Biology.	Chemistry.	
2-3	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
3-4	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
4-5	Chemistry Pr. B.	Chemistry Pr B.	Chemistry Pr. A.	Chemistry Pr. A.	Chemistry.	

Easter Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. A. Histology Pr. B.	Histology Pr. B.	Physics Pr. B. Histology Pr. A.	Histology.	Anatomy.	Anatomy.
10-11	Physics Pr. A. Histology Pr. B.	Histology Pr. B.	Physics Pr. B. Histology Pr. A.	Histology Pr. A.		
11-12	Physics.	Chemistry.		Histology Pr. A.	Physics.	
12-1	Chemistry.	Embryology.	Chemistry.	Embryology.	Chemistry.	
2-3	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
3-4	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
4-5	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B.	Chemistry Pr. A. Osteology Pr. B.	Chemistry.	

SECOND YEAR TIME-TABLE, FIVE YEAR'S COURSE.

Michaelmas Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology.	Biochemistry.	Physiology.	Biochemistry.	Histology.	Biochemistry Pr. Anatomy Pr.
10-11	Anatomy.	Physiology Pr.	Physiology Pr.	Biochemistry.	Biochemistry.	Biochemistry Pr. Anatomy Pr.
11-12	Histology Pr.	Physiology Pr.	Physiology Pr.	Anatomy.	Histology Pr.	Biochemistry Pr. Anatomy Pr.
12-1	Histology Pr.	Physiology Pr.	Physiology Pr.		Histology Pr.	
2-5	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	Biochemistry. Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	

Easter Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology.	Biochemistry.	Physiology.	Biochemistry.	Histology.	Anatomy Pr.
10-11	Anatomy.	Physiology Pr. until Feb. 5th. Bacteriology to end of session.	Physiology Pr. until Feb. 5th. Bacteriology. to end of session.	Physiology.	Biochemistry.	Anatomy Pr.
11-12	Bacteriology.			Anatomy.	Bacteriology.	Anatomy Pr.
12-1	Bacteriology.				Bacteriology.	
2-5	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	Biochemistry Pr. Anatomy Pr.	

MORNING TIME-TABLE FOR THIRD YEAR, FIVE YEARS' COURSE.

DATE.	HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
Oct. 1st to Nov. 30th	9 to 10.30	Medicine B. D. Pharmacology A. C.	Medicine B. D. Surgery A. C.	Medicine A. C. (Asylum) Medicine B. D.	Medicine A. B. C. D.	Medicine A. C. Pharmacology B. D.	Medicine A. C. Medicine B. D. (Asylum)
	10.30 to 12	Surgery B. D. Pharmacology A. C.	11 a.m. Anatomy	Medicine A. C. (Asylum) Surgery B. D.	Physiology A. B. C. D.	Surgery A. C. Pharmacology B. D.	Medicine A. C. Medicine B. D. (Asylum)
Dec. 2nd to Feb. 15th	9 to 10.30	Medicine A. C. Clinical Laboratory B. D.	Medicine B. D. Pathological Chemistry A.C.	Medicine B. D. Pharmacology A. C.	Medicine A. C. Clinical Laboratory B. D.	Medicine A. C Pharmacology B. D.	Medicine B. D. Pathological Chemistry A.C.
	10.30 to 12	Surgery A. C. Clinical Laboratory B. D.	Surgery B. D. Pathological Chemistry A.C.	Surgery B. D. Pharmacology A. C.	Medicine A. C. Clinical Laboratory B. D.	Surgery A. C. Pharmacology B. D.	Medicine B. D. Pathological Chemistry A. C.
Feb. 17th to end of Session.	9 to 10.30	Medicine B. D. Clinical Laboratory A. C.	Medicine A. C. Pathological Chemistry B. D.	Medicine B. D. Pharmacology A. C.	Medicine B. D. Clinical Laboratory A. C.	Medicine A. C. Pharmacology B. D.	Medicine A. C. Pathological Chemistry B. D.
	10.30 to 12	Surgery B. D. Clinical Laboratory A. C.	Surgery A. C. Pathological Chemistry B.D.	Surgery B. D. Pharmacology A. C.	Medicine B. D. Clinical Laboratory A. C.	Surgery A. C. Pharmacology B. D.	Medicine A. C. Pathological Chemistry B. D.

DIDACTIC TIME-TABLE FOR THIRD YEAR, FIVE YEARS' COURSE.

Michaelmas Term.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
12-1		Physiology.	Physiology	Physiology.	
1-2	Pathological Chemistry				General Pathology.
2-3	Anatomy.	Physiology.	Surgery.	Physiology.	Anatomy.
3-4	Anatomy.	Anatomy.	Anatomy.	Physiology.	Anatomy.
4-5	Anatomy.	Anatomy.	Anatomy.	Pharmacology.	Anatomy.

Easter Term.

12-1		Physiology.		Physiology.	
1-2	General Pathology		Pathological Histology.		General Pathology.
2-3	Pathological Histology.	Physiology.	Pathological Histology.	Physiology.	Pathological and Bacteriological Laboratory.
3-4	Pathological Histology.	Physiology.	Medicine.	Pathological Histology.	
4-5			Pharmacology.	Pathological Histology.	

CLINICAL TIME-TABLE FOR THE FOURTH YEAR, FIVE YEARS' COURSE.

	HOUR	MONDAY.	TUESDAY.	WEDNESDAY	THURSDAY	FRIDAY.	SATURDAY.
10 weeks.	9–10.30	Medicine.	Medicine.	Medicine.	Medicine.	Medicine.	Medicine.
	10.30–12	Obstetrics.	Surgery, T.G.H., No. 3	Surgery, T.G.H. No. 2.	Gynaecology.	Surgery, T.G.H. No. 2.	Surgery, T.G.H. No. 3.
10 weeks.	9–10.30	Surgery, St.M.H. No. 2	Medicine.	Medicine.	Medicine.	Medicine.	Surgery, T.G.H. No. 4.
	10.30–12	Eye, Nose	Eye, Nose	Surgery. T.G.H. No. 4.	Eye, Nose	Eye, Nose	Medicine.
10 weeks.	9–10.30	Medicine.	Surgery, St.M.H. No.1.	Orthopædics	Surgery. T.G.H. No.1.	Paediatrics	Surgery, St.M.H. No.2.
	10.30–12	Gynaecology.	Medicine.	Paediatrics.	Medicine.	Orthopædics.	Surgery, St.M.H. No. 1.

DIDACTIC TIME-TABLE, FOURTH YEAR, FIVE YEAR'S COURSE.

Michaelmas Term.

HOUR	MONDAY.	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1–2	Pathological Histology	Pathological Histology	Pathological Histology.	Pathological Histology.	Topographical Anatomy.
2–3	Pathological Histology.	Pathological Histology.	Pathological Histology.	Pathological Histology.	Surgery.
3–4	Obstetrics	Therapeutics	Gynaecology.	Obstetrics.	Medicine.

Easter Term.

1–2	Psychiatry, 6 weeks Special Pathology, 10 weeks.	Psychiatry, 6 weeks. Special Pathology, 10 weeks.	Obstetrics.	Hygiene	
2–3	Ophthalmology, 5 weeks. Otology, 5 weeks Paediatrics, 6 weeks,	Special Pathology 6 weeks. Medicine, 10 weeks	Ophthalmology, 5 weeks. Otology, 5 weeks Paediatrics 6 weeks.	Special Pathology 6 weeks. Medicine, 10 weeks	Clinical Conference on Autopsy Material.
3–4	Therapeutics, 7 weeks Toxicology, 4 weeks Med. Jurisprudence, 5 weeks.	Therapeutics, 7 weeks Toxicology, 4 weeks Med. Jurisprudence, 5 weeks.	Gynaecology, 11 weeks Med. Jurisprudence, 5 weeks.	Obstetrics, 10 weeks Laryngology, 4 weeks	Surgery, 8 weeks. Medicine, 8 weeks.

DIDACTIC TIME-TABLE, FOURTH YEAR, FOUR YEARS' COURSE.

Michaelmas Term.

HOUR	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
1–2	Pathological Histology	Pathological Histology	Pathological Histology.	Pathological Histology.	Obstetrics.
2–3	Pathological Histology.	Pathological Histology.	Pathological Histology.	Pathological Histology.	Surgery.
3–4	Medicine.	Surgery.	Gynaecology.	Laryngology.	Medicine.

Easter Term.

1–2	Psychiatry 6 weeks. Special Pathology, 10 weeks.	Psychiatry, 6 weeks. Special Pathology, 10 weeks.	Obstetrics.	Hygiene.	
2–3	Ophthalmology, 5 weeks. Otology, 5 weeks. Paediatrics, 6 weeks.	Special Pathology, 6 weeks. Medicine, 10 weeks.	Ophthalmology, 5 weeks. Otology, 5 weeks. Paediatrics, 6 weeks.	Special Pathology, 6 weeks. Medicine, 10 weeks.	Hospital for Incurables
3–4	Medicine, 11 weeks. Med. Jurisprudence, 5 weeks.	Surgery, 11 weeks. Med. Jurisprudence, 5 weeks.	Gynaecology 11 weeks. Med. Jurisprudence, 5 weeks.	Obstetrics	3.30–5.30 Clin-Psychiatry.

TIME-TABLE, FIFTH YEAR, FIVE YEAR COURSE.

	HOUR	MONDAY.	TUESDAY.	WEDNESDAY.	SATURDAY.	FRIDAY.	SATURDAY.
10 weeks.	9–12 10.30–12	Medicine.	Medicine. Paediatrics	Medicine.	Medicine.	Medicine.	Medicine. Paediatrics.
	2–4	Medicine.	Medicine.	Medicine. Tuberculosis Clinic.	Medicine.	Medicine.	Medicine.
	9–12	Surgery (including Orthopaedics).					
10 weeks	2–3 3–4	Pathology Gynaecological Pathology.	Electives	Electives	Electives	Pathology Pathology	

TIME-TABLE, FIFTH YEAR, FIVE YEAR'S COURSE (Continued).

10 weeks.	9–10.30	Eye, Nose, Gynaecology,	Eye, Nose, Gynaecology, Infectious Diseases.	Eye, Nose, Gynaecology,	Eye, Nose, Gynaecology,	Eye, Nose, Gynaecology,	Eye, Nose, Gynaecology. Infectious Diseases.
	10.30–12	Dermatology		Clinical Therapeutics		Clinical Therapeutics	
	2–3		Electives	Electives	Electives	Neurology	
	3–4	Psychiatry					
Throughout Session	12–1	Medicine, Clinical Lecture	Surgery, Clinical Lecture	Laryngology, 5 weeks. History of Medicine, Medical Ethics. Life Insurance,	Clinical Conference on Pathological. Material.	Obstetrics	

NOTE:On afternoons reserved for elective courses those students that are not admitted to these courses will go on with clinical work.

THE MEDICAL BUILDING.

The Medical Building is situated between the University Library and the anatomical wing of the Biological Department.

It is three storeys in height in front, with an additional storey and sub-basement in the wings, which extend eastward. Two large lecture rooms are provided which flank the main building; the larger has accommodation for about three hundred and fifty students; the smaller for about two hundred students.

In the south wing, in what may be called the basement storey, are situated lavatories, recreation rooms and reading rooms for the students; in the same storey in the north wing is placed a large museum of hygiene.

The three main floors of the building are arranged upon what has been called the unit-system, a unit room being thirty feet long by twenty-three feet deep, lighted on its long face by large windows.

These rooms may be united so as to form large laboratories or may be cut in two where it is necessary to have smaller rooms.

The south wing and the main portion of the building are occupied by the department of Physiology and Biochemistry whilst the north wing accommodates the final departments of Medicine.

On the ground floor in the main portion are situated in front the Secretary's office, a large faculty room, a lavatory, and a library.

In the north wing in this floor are placed a chart and preparation room behind the lecture theatre, and on the third floor units are occupied by the Department of Pharmacology.

An interesting feature of the building is the provision which is made for research students by the presence of a series of small rooms in front of the south lecture room, each large enough to accommodate one or two workers.

As will be seen from the above desrciption, a series of laboratories and lecture theatres is provided on the University grounds where the most ample facilities are afforded for both the practical and didactic instruction of students.

As heretofore, lectures and demonstrations will be given in the east wing of the Biological building in Biology and in the west wing in Anatomy: in the Chemical Laboratories in Chemistry and in the Physics building in Physics. It is impossible to provide more complete and efficient accommodation for the teaching of scientific medicine than that which exists in the University of Toronto to-day.

THE NEW PATHOLOGICAL BUILDING

Is on University Avenue and connected by a covered corridor with the Out-patient Department and so with the rest of the Hospital. On the basement, or ground floor, are the Pathological Museum, lecture room and autopsy room as well as students' coat room and lavatories. On the first floor are rooms for the Hospital Pathologist and the routine Hospital pathology, and class rooms for pathological histology and bacteriology. On the second floor the Professor of Pathology and Lecturer in Bacteriology have their private laboratories, and there are rooms for the Departmental Library and special classes in Pathology, in addition to a set of laboratories for pathological chemistry for the use of students in the Fourth and Fifth Years. On the third floor are the class rooms for systematic instruction in pathological chemistry and the laboratories for the staff in this Department including balance, polarimeter, combustion and experimental rooms. Above this in the roof is the accommodation for animals.

Connected with the autopsy room is a cold storage plant with accomodation for twelve cadavers and by means of a brine circulation, refrigerators in the staff laboratories on the first, second and third floor are kept cold. For many of the laboratories too there is a compressed air service.

The lecture room has seats for about 150 students and is connected with a room for preparing experimental demonstrations.

The museum is planned especially for the instruction of students; a small catalogue room and a preparation room are connected with it.

The class rooms are divided into small units and are exceptionally well lighted.

Lockers are provided for more than 300 students in the laboratories for pathological chemistry so that every student working in the Hospital may have his own place and apparatus.

The building is of fire-proof construction throughout.

THE TORONTO GENERAL HOSPITAL.

The New Hospital will have more than six hundred beds, and during the year will admit to its wards about seven thousand patients.

The Out-door Department, which has been elaborately equipped with especial attention to the requirements of teaching as well as treatment, is designed to receive and care for several hundred patients, each day, if necessity demands.

The Hospital is for the treatment of acute medical and surgical diseases, and the members of the staff are, in nearly every instance, drawn from the University Medical Faculty.

The Hospital Block contains ten acres, and the group of buildings includes almost everything necessary to enable a student to acquire a practical knowledge of the profession of Medicine.

On the south-west corner is situated the large Pathological Building, which is also an integral part of the Hospital. In it are found the Pathological, Clinical, Chemico-Pathological and Vaccine Laboratories, as well as the Autopsy Room, Museums, etc. The Pathological Building is regarded as one of the most complete in America.

North of the Pathological Unit is found the Out-Patients Department already referred to; then follows the Emergency Hospital, fully equipped with every modern device necessary for the immediate care and treatment of emergency patients. In this building arrangements have been made for the teaching and demonstration of practical methods in minor surgery.

The Medical Wing, the Administration Building and Surgical Wing face College Street. These groups embody every modern requirement in hospital equipment, and special facilities for the student are provided—such as lecture room, lunch room, cloak room, etc.

Twelve Operating Rooms are to be found in the different Surgical sections. South of the Surgical Wing is located the Obstetrical Hospital with eighty beds.

Clinical Training.

Clinical instruction is given in the various departments of the Hospital on all classes of patients.

I. *Theatre Lectures:*—Clinical Lectures are given on patients brought from the wards to the large theatre, by the professors of clinical medicine and of clinical surgery to the students of the Third, Fourth and Fifth years.

II. *Instruction in the Wards:*—

(*a*) Medicine and Surgery:—A systematic course of bedside instruction is given to a limited class of students. Arrangements are such that each physician and surgeon or his assistant is in daily attendance for the purpose of imparting instruction at the bedside. By this means provision is made for continuous daily work in the ward, and students of the Third, Fourth and Fifth years are required to avail themselves of it.

(*b*) Gynæcology:—Small classes of students receive instruction in diseases peculiar to women in the wards specially devoted to the treatment of such patients. These classes meet daily. Increased facilities have recently been provided for an out-door Gynæcological clinic.

(*c*) Obstetrics:—In the Obstetrical Hospital, final students are permitted to witness and assist in the conduct of *labours*. Students are also allowed to make engagements with out-patients and to attend them in confinements at their own home.

(*d*) Ophthalmology, Otology, Laryngology and Rhinology:—Diseases of the eye, ear, throat and nose are studied in the wards of the Andrew Mercer Infirmary.

III. *Surgical Operations:*—Surgical operations are performed in the various operating theatres every morning, or in cases of emergency at any time during the day or night when required.

IV. *Out-patients Clinics:*—The recent provision which has been made for the accommodation of out-patients will afford unsurpassed facilities for instruction in the important class of diseases which here pass under observation. Physicians and Surgeons are in attendance daily, and the patients serve to illustrate the instruction. The cases presenting themselves in the special departments of the Hospital devoted to diseases of the eye, ear, etc., are available in the same manner. There also is an out-door clinic in gynæcology.

V. *Pathology:*

(*a*) Autopsies:—These are performed at stated hours by the Professor, or the Demonstrator of Pathology. The examinations are conducted in a systematic way, and instruction on the morbid conditions found is imparted to the students. The bearings of the gross post-mortem appearances on the conditions previously found at the bedside are carefully investigated, and, when necessary, arrangements are made for further examination, microscopical and chemical. There were 123 autopsies during the year.

(*b*) The examination and analysis of the various fluids, excreta and pathological products of patients in the wards, are conducted in the University Hospital laboratory. Students are required to keep systematic records of the results obtained by these examinations.

Clinical Clerks and Surgical Dressers.

Clinical clerks and surgical dressers are appointed to act for limited periods. They are required to take complete histories of cases allotted to them, and to receive certificates for the same, as required by the Ontario Medical Council. Post-mortem clerks are appointed, and are required to make complete reports of all autopsies made in the post-mortem room, which is situated in the Hospital grounds. Clinical clerks and surgical dressers are also appointed in the departments of gynæcology, ophthalmology and otology.

Every student in the Department of Surgery shall be required to take the history, attend the dressing and keep the record of four cases in the Ward.

If any such cases come to operation he shall attend the same, disinfect himself, don an operating gown and come within the pale of the theatre to render such assistance as may be required of him, and to record the facts of the operation and the result. If any such come to post-mortem examination he shall attend the same, render such assistance as may be required of him and record the findings.

Students in Clinical Medicine shall be required to observe this last regulation respecting attendance at post-mortem examinations.

Resident Assistants in the Hospital.

A number of resident assistants are appointed annually from the graduates in medicine of the University, and hold their positions for eighteen months.

They will have full opportunities for acquiring experience in the general and special wards of the Hospital, and during the session they will have charge under the physicians and surgeons in the general wards.

HOSPITAL FOR SICK CHILDREN.

This large Hospital, with 160 beds, is entirely devoted to disease in children there having been 6224 cases treated during the last year. In the Out-patient Department, 10934 patients were attended. In the clinics, cases exemplifying the various diseases in infancy and childhood will be exhibited. Abundant opportunities for a personal examination of all cases will be afforded.

Resident assistants are appointed annually from the graduates in medicine of the University, and hold their position for the year. The opportunity thus afforded for obtaining a practical knowledge of this very important department of medical practice is unsurpassed.

ST. MICHAEL'S HOSPITAL.

This institution is conducted as a General Hospital, where medical, surgical and obstetrical cases are admitted. The number of patients admitted last year was 3,258, while 9,342 cases were treated in the out-patient department. Fifty-five autopsies were performed. There were 290 births in the Obstetrical Department. The accommodation has recently been enlarged by the addition of a new wing, so that there are now 400 beds. An operating theatre has been provided, constructed with all the necessary modern equipment for the practice of antiseptic surgery.

Clinical instruction is given in this Hospital by those members of the staff who are also on the teaching staff of the University of Toronto. Opportunity is also provided for the study of Pathology. Post-mortem examinations are conducted systematically so that students may avail themselves of the material in this department. Clinical clerks and surgical dressers are appointed from the students in attendance at the Hospital.

Resident assistants are appointed annually from the graduates in Medicine of the University of Toronto.

GENERAL INFORMATION FOR STUDENTS.

DISCIPLINE.

The Council of University College, and the governing bodies of the federated universities and colleges, respectively, have disciplinary jurisdiction over and entire responsibility for the conduct of their students in respect of all matters arising or occurring in or upon their respective college buildings and grounds, including residences.

The councils of such of the faculties as have assigned for their separate use any building or buildings and grounds, including residences, have disciplinary jurisdiction over and entire responsibility for the conduct of all students in their respective faculties in respect of all matters arising or occurring in or upon such building, or building and grounds.

In all such cases, and, save as aforesaid, as respects all students to whatsoever college or faculty they may belong, disciplinary jurisdiction is vested in the Caput, but the Caput may delegate its authority in any particular case or by any general regulation to the council or other governing body of the university or college or faculty to which the student belongs.

The Caput has also power and authority to determine by general regulation, or otherwise, to what college, faculty or other body the control of university associations belongs.

If there be any question as to the proper body to exercise jurisdiction in any matter of discipline which may arise, the same shall be determined by the Caput, whose decision shall be final.

Disciplinary jurisdiction includes the power to impose fines.

REGULATIONS RELATING TO STUDENTS.

1. No student will be registered in any year, or be allowed to continue in attendance, whose presence for any cause is deemed by the Faculty Council or Caput, to be prejudicial to the interests of the University. Registration in any year does not entitle a student to Registration in a subsequent year.

2. Students are required to attend the course of instruction and the examinations in all subjects prescribed for students of their respective standing, and no student will be permitted to remain in the University who persistently neglects academic work.

3. All interference on the part of any student with the personal liberty of another, by arresting him, or summoning him to appear before any tribunal of students, or otherwise subjecting him to any indignity or personal violence, is forbidden by the Council. Any student convicted of participation in such proceedings will render himself liable to expulsion from the University.

4. A student who is under suspension, or who has been expelled from a College or the University, will not be admitted to the University buildings or grounds.

5. The constitution of every University society or association of students and all amendments to any such constitution must be submitted for approval to the Caput. All programmes of such societies or associations must, before publication, receive the sanction of the Caput. Permission to invite any person not a member of the Faculty of the University to preside at or address a meeting of any society or association must be similarly obtained. Societies and associations are required to confine themselves to the objects laid down in their constitution.

6. The name of the University is not to be used in connection with a publication of any kind without the permission of the Caput.

THE UNIVERSITY OF TORONTO MEDICAL SOCIETY.

This Society consists of the graduates and undergraduates enrolled in the Faculty of Medicine of the University of Toronto. It is under the patronage of the members of the Faculty of Medicine and its object is to deal with all matters pertaining to the general interest and welfare of the students, especially:—

(*a*) To encourage interest in general medical science and literature, and in pursuit of medical studies.

(*b*) To provide a supply of daily newspapers, periodicals, magazines and music for the reading rooms; also telephones for the convenience of students.

(*c*) To be a means of communication between the Student body and the Faculty or others, when such communication is desirable.

(*d*) To provide a series of entertainments for students at intervals during the Session.

(*e*) Each student will be required to pay the annual fee of one dollar to the Treasurer of the Society.

UNIVERSITY OF TORONTO YOUNG MEN'S CHRISTIAN ASSOCIATION.

The aim of this organization is to be of service to the undergraduates. At the commencement of the fall term it conducts a general information bureau where lists of inspected boarding houses are kept. Handbooks containing information that is of interest and importance to every student are presented to the men by the association. The dose tables, prescriptions and chemical tests which are included in the Medical edition of this handbook make it of permanent value to every student in Medicine. The association also endeavours to assist the men of the first year to become acquainted with each other and with men outside their own class by arranging a reception for them early in the year. For those students who find it difficult to meet all the expenses of a college course an employment bureau was opened last year, by means of which employment was provided for the spare hours of a few deserving students.

On Sunday mornings, for a greater part of the academic year, the Colleges' Sermon Series is conducted in the University Convocation Hall. The preachers at these services are among the strongest speakers to students in Canada and the United States.

The Bible Study Department of the association has proven most interesting and helpful to the students. The method adopted for this study is the group system which means that the men who are following the work meet in groups of from six to eight in number at a time and place conveni-

ent to the members of the individual group. Each group is led—not taught—by a fellow student. As a result of the freedom of discussion which this method assures, and of the systematic nature of the study, great interest is aroused in the things which really count in life.

Mission Study classes are conducted on the same principle and afford an excellent opportunity for acquiring an acquaintance with the great world problems of our age.

REGULATIONS FOR LICENSE TO PRACTICE.

For official information of all matters relative to the regulations for license to practise in the various Provinces in the Dominion, students should communicate with the Registrar. The following is a list of the names and addresses of the Registrars of the Medical Councils:

Ontario—Dr. J. L. Bray, 170 University Avenue, Toronto, Ontario.
Quebec—Dr. J. Gauvreau, 30 St. James Street, Montreal, and Dr. C. R. Paquin, Quebec, P.Q.
New Brunswick—Dr. Stewart Skinner, St. John.
Nova Scotia—Dr. A. W. H. Lindsay, 241 Pleasant Street, Halifax.
Prince Edward Island.—Dr. S. R. Jenkins, Charlottetown.
Newfoundland—Dr. H. Rendell, St. John's Newfoundland.
Manitoba—Dr. J. S. Gray, 358 Hargrave Street, Winnipeg, or G. L. Lair, Registrar University of Manitoba, Winnipeg.
Alberta—Dr. J. D. Lafferty, Calgary, Alta.
Saskatchewan—Dr. G. A. Charlton, Regina.
British Columbia—Dr. C. J. Fagan, Victoria.

MEDALLISTS.

Medicine.

g. *gold medal;* s. *silver medal.*

Year.
58 Oille, L. S.–g.
Aikins, M.H.–s.
Millar, T.–s.
59 Barnhart, C.E.–g.
King, J.–s.
Francis, W. F.–s.
60 Bascom, J.–g.
Playter, E.–s.
Tisdell, F. B.–s.
Morton, E. D.–s.
Ogden, W. W.–s.
Martyn, D. H.–s.
61 Hudson, –g.
Elliott, J. D.–s.
62 Dolster, J.–g.
DeGrassi, G. P.—g.
63 Ramsay, W. F.–g.
64 McLaughlin, J.W.–g.
65 Burnham, E. L.–g.
McCarthy, J.L.G.–s.
Kitchen, E. E.–s.
66 Mickle, W. J.–g.
McCullough, J.–s.
Wadsworth, J. J.–s.
67 Sparks, T.–s.
Palmer, R.N.–s.
Harbottle, R.–s.
Eccles, F. R.–s.
McFarlane, N.–s.
Newton, J. H.–s.
68 Brown, J. P.–g.
Hunt, R. H.–s.
Howe, T. C.–s.
69 Graham, J. E.–g.
Humble, C.–s.
McCollum, J. H.–s.
Bentley, T. B.–s.
70 Greenless, A.–g.
Burgess, T. J. W.–s.
Smith, C. M.–s.
Standish, J.–s.
Wagner, W. J.–s.
Burt, W.–s.
70 Williams, A.D.–s.
71 Forrest, W.–g.
Moore, C. Y.–s.
Henning, N. P.–s.
Delamater, R.H.–s.
72 Zimmerman, R.–g.
Crozier, J. B.–s.

Year.
73 Close, J. A.–g.
Beeman, M. I.–s.
Wright, A. H.–s.
Hagel, S. D.–s.
74 Fraser, D. B.–g.
Brown, O.C.–s.
Farewell, A.–s.
Cameron, I. H.–s.
Shaw, G.–s.
Fraser, D.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J.H.–s.
Eakins, J.E.–s.
76 McPhedran, A.–g.
Lackner, H.G.–s.
Bowerman, A.C.–s.
Wilson, W. J.–s.
77 Stuart, W. T.–g.
Orr, R. B.–s.
Richards, N.D.–s.
78 Griffin, H. S.–g.
Meek, H.–s.
Bonnar, J. D.–s.
Kennedy, G. A.–s.
Gardiner, J. H.–s.
79 Burt, F.–g.
Mills, R. P.–s.
Chappell, W. F.–s.
80 Cross, W. J.–g.
Bryce, P. H.–s.
Ferguson, J.–s.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
Duncan, J. T.–g.
83 Robinson, W. J.–g.
83 Dolsen, F. J.–g.
84 Clerke, J. W.–g.
85 Howell, J. H.–g.
Carr, L.–s.
85 Saunders, R. M.–s.
Hoople, H. N.–s.
86 Peters, G. A.–g.
Noecker, C. T.–s.
Johnston, D. R.–s.
87 Ego, A.–g.
88 Féré, G. A.–g.
Galloway, J.–s.
89 Chambers, G.–g.
Collins, J. H.–s.

Year.
89 Godfrey, F. E.–s.
90 Barker, L. F.–g.
Cullen, T. S.–s.
Philip, W. H.–s.
McFarlane, M.T.–s.
McGillivray, C.F.–s.
91 Barnhart, W.N.–g.
Bollen, P.–s.
Boyd, G.–s.
McGorman, G.–s.
92 Bruce, H.A.–g.
Middlebro, T.H.–s.
Gowland, R. H.–s.
Brown, J. N.E.–s.
93 Harvie, J. N.–g.
South, T. E.–s.
Elliott, W. –s.
Futcher, T. B.
Harvey, E. E. Æq–s.
94 McCollum W. J.–g.
94 Rutledge, H. N.–s.
Crain, W. E.–s.
Johnston, H.A.–s.
95 Merritt, A.K.–g.
McKay, T.W.G.
McCrae, T.–s.
Hunter, A. J.–s.
96 McCaig, A. S.–g.
Roberts, E. L.–g.
Graef, C.–s.
Goldie, W.–s.
Macklin, A. H.–s.
97 Elliott, J. H.–g.
Hume, J. J. C.–s.
Nichol, R.–s.
Yoemans, W.L.–s.
98 McCrae, J.–s.
Sutherland, G.A.–s
White, W. C.–s.
Cahoon, F.–s.
99 Wells, W.–g.
Hargrave, H. G.–s.
Piersol, W. H.–s.
Gow, J.–s.
00 P. L. Scott,
C. C. Bell. Æq–g.
G. W. Howland.
E. D. Revell. Æq.–s.
E. D. Carder.–s.
01 Clarkson, F.A.–g.

Year.
McIlwraith, D.G.–s.
Cleland, F. A.–s.
Carswell, W. A.
Cohoe, B.A. Æq.–s.
02 Roaf, H.E.
Saunders, W. P. Æq–g.
Fletcher, G.W.–s.
Moir, A.–s.
Archer, A. E.–s.
03 Oille, J. A.–g.
Phillips, J.–s.
Yin, S. C.–s.
Wilson, G. E.–s.
04 McCullough R.J.P.–s
Kinghorn, A.–s.

Year.
Anderson, R. W.–s.
Walker, S. B.–s.
05 Lemon, W. S.–g.
Ford, G.–s.
Merritt, W.–s.
Gowland, M. E.–s.
06 McNeill, H. M.–g.
Holbrook, J. H.–s.
Dickson, E.C.–s.
Moorhead, A. S.–s.
07 Gray, G. C.–g.
McVicar, C. S.–s.
Schinbein, A. B.–s.
Cannon, O.–s.
08 Richards, G.E.–g.
Robertson, W.A.–s.

Year.
Buswell, R.–s.
Harkness, J. G.–s.
09 Parker, C. B.–g.
Tytler, W. H.–s
Marcy, W. J. M.–s
Brown, A.G.–s.
10 Watt, J. C.–g.
Follett, J. V.–s.
Butterfield, R. M.–s.
Barker, P. W.–s.
11 Livingstone, J. M.–g.
Eagles, A. S.–s.
Bouck, C.
Christie, N. A., Æq–s.
Campbel., J. G. A.–s

Starr Medallists.

Year.
67 Palmer, R. N.
68 Hunt, R. H.
Brown, J. P.
Cassidy, J. J.
69 Graham, J. E.
70 Burgess, T. J. W.–g.
Greenless, A.–s.
Wagner, W. J.–s.
71 Moore, C. Y.–g.
Henning, N. P.–s.
Forrest, W.–s.
72 Zimmerman, R.–g.
Crozier, J. B.–s.
73 Meldrum, N.W.–g.
Close, J. A.–s.
Hagel, S. D.–s.

Year.
74 Brown, O. C.–g.
Farwell, A.–s.
Campbell, A.J.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J.H.–s.
76 Lackner, H. G.–g.
McPhedran, A.–s.
Bowerman, A. C.–s.
77 Stuart, W. T.–g.
78 Bonnar, J. D.–g.
Meek, H.–s.
78 Griffin, H. S.–s.
79 Burt, F.–g.
80 Cross, W. J.–g.
80 Bryce, P. H.–g.

Year.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
83 Robinson, W. J.–g.
86 Peters, G. A.–g.
89 Collins, J. H.–g.
Chambers, G.–s.
91 Barnhardt, W.N.–g.
90 Barker, L. F.–g.
92 Middlebro, T. H.–g.
Bruce, H. A.–s.
96 McKay, T. W. G.,
Rannie, J. A.
99 Hill, H. W.
03 McCrae, T.
08 Harvey, W. H.–g.

STUDENTS OF THE UNIVERSITY WHO RECEIVED THE DEGREE IN MEDICINE IN SEPTEMBER 1911.

Armstrong, Arthur Chester,
Brady, Robert Emmet,
Carleton, George Wylie Dundas,
Cathcart, John Philip Selby,
Davis, Henry Clarke,
Eager, Joseph Culloden,
Emerson, Percy James,
Kells, George Wood,
Kitt, Allan Norman, B.A.,
Munro, Robert Walter,
McFarlane, Gordon Lemon,
McIntyre, Edward Lorne,
Mahlangeni, Manasseh Robert,
Pollock, Maurice Aaron, B.A.,
Richards, Joseph,
Richardson, Ernest Aikin,
Rose, George Blair,
Sharpe, Noble Carmen, B.A.,
Stirrett, Robert Roy,
Struthers, James Douglas,
Sweeney, Denis,
Sweeney, Paul Joseph,
Travis, John Henry,
Tyrer, Edward Roy.

FACULTY OF MEDICINE.

LIST OF STUDENTS REGISTERED IN THE FACULTY OF MEDICINE FOR THE SESSION 1911–1912.

First Year.

Aiken, J. D.....London, Ont.
Armstrong, G. W...Toronto, Ont.
Armstrong, R. H. Clarksburg, Ont.

Ballantyne, T. W. Stratford, Ont.
Barraclough, W. W....Sarnia, Ont.
Barry, J. E...Niagara Falls, Ont.
Black, C. N.....Calgary, Alta.
Blake, W. A.....Hamilton, Ont.
Blakely, Arthur McA.,
Chatham, Ont.
Bleakley, T. W., North Gower, Ont.
Bragg, N.W.....Brantford, Ont.
Bray, Miss Mabel...Toronto, Ont.
Broughton, E. A....Whitby, Ont.
Brown, M. J.....Toronto, Ont.
Brown, P. B.....Toronto, Ont.

Cameron, G. M...Hamilton, Ont.
Campbell, I. E...Blenheim, Ont.
Cherry, H. T.....Winnipeg, Man.
Clarke, E. K.....Toronto, Ont.
Cohen, I. Sault Ste. Marie, Ont.
Connell, W. C.....Prescott, Ont.
Crawford, J. S.....Sarnia, Ont.
Cruikshank, H. C.,
Summerland, B.C.
Curry, P. W. M.....Trenton, Ont.

Dagger, F. G.....Toronto, Ont.
Dales, L. W.....Drayton, Ont.
Davis, D.....Toronto, Ont.
Davis, G. A.....Toronto, Ont.
Dickson, J. A.....Seaforth, Ont.
Dixon, H. A.....Toronto, Ont.
Dobson, T. L.....Eutopia, Ont.
Duncan, G. G.. Port Credit, Ont.

Evelyn, S. J.....Jamaica, B.W.I.

Farquharson, C.....Durham, Ont.
Fenwick, C. P...St. Johns, Nfld.
Freel, H. B.....Stouffville, Ont.
Fretwell, G. M...Waterdown, Ont.

George, R.....Toronto, Ont.
Givens, W. C.....Toronto, Ont.
Graham, S. G.....Lobo, Ont.
Graydon, W. L.....Toronto, Ont.
Greaves, A. V.....Toronto, Ont.
Greenaway, A. C....Toronto, Ont.
Gregory, A. W...Kent Bridge, Ont.

Hagerman, A. R...Parkland, Alta.
Harvie, R. M...Coldwater, Ont.
Hessian, H. A.....Toronto, Ont.
Hetherington, H. B.,
St. Catharines, Ont.
Hill, L. R.....Toronto, Ont.
Hodgins, W. E.....Lucan, Ont.
Howell, J. H.....Welland, Ont.

Ireland, A. J. St. Catharines, Ont.
Isaacson, A.....Toronto, Ont.

Jackson, A. B.....Simcoe, Ont.
Jacques, Miss A. M. T.,
Viscount, Sask.
Janes, R. M. ....Warwick, Ont.
Johnson, F. M...St. Thomas, Ont.
Johnston, W. J...Craigvale, Ont.
Jones, W. E.....Kerrisdale, B.C.

Kiteley, Miss E. L. Dunkerron, Ont.
Knox, A. W....Lougheed, Alta.

Lapp, A. D.....Toronto, Ont.
Lewis, C. T.....Windsor, Ont.
Lewis, G. F.....Windsor, Ont.
Lindsay, A. R...Hagersville, Ont.
Linton, J. A.....Puce, Ont.
Little, N. H.....Trenton, Ont.
Locke, W. B.....Toronto, Ont.
Loney, B. S.....Toronto, Ont.
Lowe, W. A.....Haileybury, Ont.

Maitland, H. B. St. George, Ont.
Malinchev, D.....Bulgaria.
Mastronardi, V. O.,
Pietrabbondante, Italy.

Moody, A. J.....Berlin, Ont.
Morton, N...Cheltenham, England.
McAlister, C. H. Blenheim, Ont.
McCabe, C. J.....Toronto, Ont.
MacCallum, A. J.....Toronto,Ont.
McCowan, W. P.....Toronto,Ont.
McCreery, H. G. North Ridge, Ont.
McCullough, J. C.,
Walters Falls, Ont.
MacDonald, A. E...Brantford, Ont.
MacDonald, A.R.....Jarvis, Ont.
Macdonald, J. H. Smith's Falls,Ont.
McDonald, D. A....Toronto, Ont.
McDonald, J. L.....Dresden, Ont.
MacKenzie, J. W....Toronto, Ont.
MacKinlay, Robert,
Aberarder, Ont.
MacMahon, V. P.,
St. Catharines, Ont.
MacMurchy, J. A.,...Acton, Ont.
McNair, A.Y., Moose Jaw, Sask.
McNeil, F. A.,
River Bourgeois, N.S.
McPherson, E. E.,
Cedar Springs, Ont.

Nash, H. C....Stoney Creek, Ont.
Naylor, A. H.....Lindsay, Ont.
Nolan, E. W.....Toronto, Ont.
Norwich, A. C.....Toronto, Ont.

Peacock, P.....Stroud, Ont.
Pollock, F. R. Moose Jaw, Sask.
Pratt, C. V.....Cobourg, Ont.

Rabinowitch, I. M...Toronto, Ont.
Rae, M.....Unionville, Ont.
Rawlings, H. A.....Toronto, Ont.
Robson, R. B.....Petrolea, Ont.
Rutherford, W.B...Blenheim, Ont.

Sarjeant, P. A.....Barrie, Ont.
Scott, C. I.....Camilla, Ont.
Scott, G. R...Peterborough, Ont.
Scott, S. M. Cherry Valley, Ont.
Scullard, G.....Chatham, Ont.
Sharpe, J. H.....Toronto, Ont.
Shaw, L. O. Dawson City, Yukon.
Shirton, G. K.....Dunnville, Ont.
Shouldice, E. E. Calgary, Alta.
Simpson, J. G. Craigsholme, Ont.
Smith, F. R.....Barrie, Ont.
Smith, L. S.....Galt, Ont.
Smith, J. R.....Harrow, Ont.
Snider, R. J.....Toronto, Ont.
Spearing, F.....Batteau, Ont.
Speers, A. L.....Merton, Ont.
Stanley, J. A.....Lucan, Ont.
Stewart, D. L. Thamesville, Ont.
Stobie, G. H.....Port Lock, Ont.
Switzer, B. C.....Norval, Ont.

Tanner, G. E.....Sarnia, Ont.
Thomas, N. O...St. Thomas, Ont.
Tisdall, F. F.....Toronto, Ont.
Tomlinson, N.F., Willowdale, Ont.
Trimble, F. R.,
South Woodslee, Ont.

Warriner, C. H.....Toronto, Ont.
Wheeler, T. D. Winnipeg, Man.
Whitney, K. H.....Calgary, Alta.
Wilson, Miss B. H.
Gananoque, Ont.
Wilson, F. B. G. ..Waterford, Ont.
Wilson, L. R.....Toronto, Ont.
Wilson, M. J.....Toronto, Ont.
Willoughby, J. M...Toronto, Ont.

Young, Miss A. M. Binbrooke, Ont.
Young, H. G. Saskatoon, Sask.
Zwick, F. F.....Stirling, Ont.

Second Year.

Allison, G.....Picton, Ont.
Armour, S. R. Campbellford, Ont.

Ball, R..... Toronto, Ont.
Barnett, J. D. H. W. Rannock, Ont.
Bean, J. A.....Clinton, Ont.
Berry, E. G.....Toronto, Ont.
Betzner, N. E.....Copetown, Ont.
Bigras, R. E.....Ottawa, Ont.
Bissett, E.D.R. North Sydney, N,S.
Black, H.....Stroud, Ont.
Bond, R. A.....Toronto, Ont.
Broad, C. O.....Toronto, Ont.
Buttle, W. W.....Micksburg, Otn.

Cameron, W. A.....Advocate, N.S.
Carr, L. A.....Hamilton, Ont.
Carpenter, T. A. Port Dover, Ont.
Carson, E. J...Saskatoon, Sask.
Cathcart, W. A. Courtright, Ont.
Clement, F. W...Deseronto, Ont.
Clouse, E. B.....Toronto, Ont.
Collip, J. B..... Belleville, Ont.
Collver, Miss B. L.,
Bloomsburg, Ont.
Cosbie, W. G.....Toronto, Ont.
Cotton, J. H.....Toronto, Ont.
Courtenay, H. D.....Ottawa, Ont.
Cowan, R. D.....Galt, Ont.

Cowdry, A. N....Vancouver, B.C.
Crews, T. H.....Berlin, Ont.
Crompton, C. R. B. Brantford, Ont.
Coutts, E. D.....Toronto, Ont.
Cunningham, J. G.,
Moose Jaw, Sask.

Dale, G. McI.....Toronto, Ont.
Dobbin G. M.....Toronto, Ont.

Evans, W. L.....Regina, Sask.

Fallis, L. C.....Toronto, Ont.
Fauman, D. H., Rochester, N.Y.
Ferrier, G. J.....Mimico, Ont.
Fleming, R. J. M....Toronto, Ont.
Fleming, V. P.....Toronto, Ont.
Fraser, R. H.....Chatham, Ont.
Fraser, D. T.....Toronto, Ont.
Foote, W. S.....Rosseau, Ont.
Furey, N.....Toronto, Ont.

Gamey, L. R...Gore Bay, Ont.
Gillies, A. E.....Port Hope, Ont.
Gillrie, F. R.....Hamilton, Ont.
Gorman, M. E.....Trafalgar, Ont.
Gocher, T.E.P.....Seattle, Wash.
Graham, P. V.....Uxbridge, Ont.
Guy, D. H.....Maxwell, Ont.

Hanley, J. B.....Midland, Ont.
Haney, W. C...Woodstock, Ont.
Harris, R. I..... North Bay, Ont.
Hayes, J. W..Peterborough, Ont.
Hazelwood, H. C. P.,
West Toronto, Ont.
Hearn, P.....Toronto, Ont.
Helliwell, M. R.....Toronto, Ont.
Hindson, F. W.....Regina, Sask.
Hodge, W. R.....London, Ont.
Holmes, A. B.....Toronto, Ont.
Howitt, J. R.....Hamilton, Ont.

Jeffrey, E. S.....Toronto, Ont.
Joyce, H. G.....Bronte, Ont.
Kennedy, W. T....Agincourt, Ont.
Kinsey, H. I.....Chatham, Ont.
Kirkham, F. R. Walters Falls, Ont.

Lamont, G. A.....Guelph, Ont.
Lang, D. E.....Toronto, Ont.
Leatherdale, I. J. Coldwater, Ont.
Ley, A. G.....Markham, Ont.
Livingston, G. C.....Toronto, Ont.
Loree, G. R.....Toronto, Ont.
Lyon, L. B. St. Ann's Bay, Jamaica

Marlow, F. C.,
Nestleton Station, Ont.
Martin, H. C.....Hamilton, Ont.
Martyn, W. M....North Bay, Ont.
Moffatt, A. B.....Toronto, Ont.
Moon, A. A.....Albuna, Ont.
McCallum, A.....Toronto, Ont.
Mackay, C.....Stoughton, Sask.
Nacneil, G. W. Owen Sound, Ont.
McGanity, A.....Hamilton, Ont.
McIntyre, G. C....Calgary, Alta.
McKeown, J.....North Bay, Ont.
McLaren, W. R....Logerait, Ont.
McLarty, G.A...St. Thomas, Ont.
McLean, W. J...Blind River, Ont.
McLennan, D. S.,
Medicine Hat, Alta.
McMullen, D.....Oil City, Ont.
McVicker, E. H.....Toronto, Ont.

Naylor, R. W.....Toronto, Ont.
Newman, W. R....Toronto, Ont.

O'Gorman, V. K....Renfrew, Ont.

Paul, R.....Sebringville, Ont.
Pugh, E. C.....Toronto, Ont.

Riddell, A. R.....Toronto, Ont.
Rogers, L. M. H.,
Lloydminster, Sask.
Ross, J. W.....Toronto, Ont.
Routley, T. C...Saskatoon, Sask.

Simpson, T. J. Grand Valley, Ont.
Smith, H. R.....Toronto, Ont.
Smith, Miss H.M....Toronto, Ont.
Stark, W. B.....Toronto, Ont.
Stock, V. F.....Tavistock, Ont.
Storey, V. H.....Port Hope, Ont.
Storms, T.H.D.....Hamilton, Ont.
Sutherland, F. H....Toronto, Ont.

Thomson, A..... Bendale, Ont.

Van Wyck, H. B....Chatham, Ont.

Walker, S. A.....Lethbridge, Alta.
Walsh, S. Y.....Springville, Ont.
Watt, G. McK...Brantford, Ont.
Wilson, C. E.....Regina, Sask.
Williams, P. A.....Bethany, Ont.
Winkler, W. N.....Toronto, Ont.
Wishart, D. E. S.....Toronto. Ont.

Third Year.

Anglin, G. C.....Brandon, Man.

Ball, S. S.....Hanover, Ont.
Ballantyne, C. C....Toronto, Ont.
Bastedo, A. F...Bracebridge, Ont.
Beaven, R. J...Edmonton, Alta.
Best, A. E.....Armstrong, B.C.
Binkley, G. E.....Regina, Sask.
Bond, J. E.....Toronto, Ont.
Boyd, J. R.....Meaford, Ont.
Bremner, J. M....Calgary, Alta.
Brodey, A.....Toronto, Ont.
Brooke, R.J.W., Georgetown, Ont.
Brown, H. E., Peterborough, Ont.
Brown, C. P.....Paris, Ont.
Bryce, H. L.,
New Edinburgh, Ottawa, Ont.
Burnham, H. H.....Toronto, Ont.

Carr, O. E.....Edmonton, Alta.
Caldwell, G. L....Gilchrist, Ont
Cameron, K. W.....Lanark, Ont.
Cardwell, W. A.....Toronto, Ont.
Cates, H. A.....Toronto, Ont.
Chassels, J.....Waterdown, Ont.
Clarke, H.....Toronto, Ont.
Clifford, E. J.....Toronto, Ont.
Coatsworth, R. C....Toronto, Ont.
Coleman, R. E.....Toronto, Ont.
Conn, H. R.....Heathcote, Ont.
Cook, L. H.....Toronto, Ont.
Cooke, K. E.....Woodbury, Ont.
Coutts, R.....Toronto, Ont.
Cowling, Miss E. M., Turner, Sask.
Crane, R. E.....Toronto, Ont.
Cross, W. W.....Nantyr, Ont.

Davis, F. G.....Ivy, Ont.
Darby, G. E.....Vancouver, B.C.
Day, O. J.....Edmonton, Alta.
Day, A. M., Sanderville P.O., Alta.
Deadman, W. J...Edmonton, Alta.
Detweiler, H. K.....Preston, Ont.
Drake, T. G.....North Bay, Ont.
Duck, J. A.....Lindsay, Ont.
Dure, F. M.....Uxbridge, Ont.

Eberhart, F. L.....Staffa, Ont.
Eby, W. H.....Cookstown, Ont.

Flock, G. M.....Burlington, Ont.
Foulds, G. S.....Brantford, Ont.

Galbraith, T. C.....Nanton, Alta.
Gardiner, W. J. Mount Forest, Ont.
Gliddon, G. C.....Union, Ont.
Gillies, J. Z.....Detroit, Mich.
Gordon, Miss E. H. Toronto, Ont.
Graham, T. F.....Brantford, Ont.
Guyatt, B. L.....Binbrook, Ont.

Hamilton, H. P...Regina, Sask.
Hamilton, W... Moose Jaw, Sask.
Hart, H.....Hampstead, Ont.
Hartry, R. E.....Seaforth, Ont.
Henry, W. O..Spruce Home, Sask.
Hewitt, S. R. D.....Toronto, Ont.
Hicks, W. J..... Kars, Ont.
Horkins, R.....Calgary, Alta.
Humphrey, J. N..Arkwright, Ont.

Irwin, O. M.....Regina, Sask.
Jeffs, H. B.....Eglington, Ont.

Knox, J. E.....Toronto, Ont.

Lake, E.W.D....Brantford, Ont.
Leitch, D. B. ..Strathcona, Alta.
Little, O. J. S.....Seaforth, Ont.
Little, W. T..Owen Sound, Ont.
Livingston, F. J...Hamilton, Ont.
Lowrey, B. D.....Toronto, Ont.

Mack, F. G.....Halifax, N. S.
Martin, H. S.....Hamilton, Ont.
Matheson, A.....Toronto, Ont.
Maynard, J. C.....Stratford, Ont.
Mitchell, H. K..Port Arthur, Ont.
Moodie, Miss L. I. F.
Edmonton, Alta.
Morgan, C. L.....Hamilton, Ont.
Murray, R. St. E. Cooksville, Ont.
McClenahan, C. A. Calgary, Alta.
McCorvie, J. E....Chatham, Ont.
McCulloch, A. E. Greenbank, Ont.
McIntosh, W. V...Windsor, Ont.
MacIntyre, H. R. Kincardine, Ont.
MacKenzie, R. D....Toronto, Ont.
McKenzie, W. W....Toronto, Ont.
McKenzie, K. G...Monkton, Ont.
McLay, J. F....Woodstock, Ont.
McLean, W. J.....Belgrave, Ont.
McLeod, A.....Edmonton, Alta.
McQuade, E. A.....Toronto, Ont.
McQuay, J. F.....Toronto, Ont.

Newell, C.....Milton, Ont.

Palmer, L. C.....Toronto, Ont.
Patterson, M. H....Chatham, Ont.

Parker, A. A....Humber Bay, Ont.
Pearce, L. G.....Brantford, Ont.
Peck, J. W..... Seaforth, Ont.
Phillips, R. W.....Toronto, Ont.

Quick, D. A.....Harrow, Ont.

Reeds, W. R.....Reaboro, Ont.
Rice, L. M.....Kamloops, B.C.
Risdon, E. F.....Toronto, Ont.
Robinson, H. P...Kleinburg, Ont.
Rogers, S. O..Lloydminster, Sask.
Ross, D. E.....Clinton, Ont.
Ross, O. S.....Brandon, Man.

Shaw, W. F.....Kamloops, B.C.
Shutt, H. M.....Ogilvie, Man.
Sinclair, W. E....Meaford, Ont.
Slater, R. F.....Uniondale, Ont.
Smith, R. P.....Dundas, Ont.
Smith, R. S.....Glanford, Ont.
Speers, Miss A. B., Brandon, Man.
Stephen, E. H.....Meaford, Ont.
Stewart, J. M.....Halifax, N.S.
Stirrett, E. Z.....Toronto, Ont.
Struthers, R. G.....Galt, Ont.
Sutton, H. C.....Cooksville, Ont.
Syer, E. C.....Pontypool, Ont.

Taylor, A.....Lynedoch, Ont.
Thomson, M. G.....Toronto, Ont.
Tyrer, W. L.....Barrie, Ont.

Wark, D. R.....Williscroft, Ont.
Watson, W. V.....Toronto, Ont.
White, W.....Chatham, Ont.
Wilson, R. R.....Toronto, Ont.
Wilson, T. G.....Wingham, Ont.
Wynne, C. S...Edmonton, Alta.

Fourth Year.

Alexander, S. L.,
Cavalier, North Dakota.
Allison, W. C....Waterdown, Ont.
Argue, H. H...Shawville, Quebec.
Austin, J. P.....Essex, Ont.

Breslin, L. J.....Whitby, Ont.
Brink, G. C.....Teeswater, Ont.
Brisco, C. A.....Chatham, Ont.
Brokenshire, F. A...Calgary, Alta.
Brown, H. A. W.....Toronto, Ont.
Burgess, J. F...Owen Sound, Ont.
Butler, A. J.....Toronto, Ont.
Butters, T. L....Edmonton, Alta.

Clark, T. C.....Dundas, Ont.
Cruikshank, W. D.,
Summerland, B.C.
Cumberland, T. D., Rosemont, Ont.

Dunning, G. P....Riceville, Ont.

Faed, P. E.....Woodville, Ont.
Fletcher, A. A.....Toronto, Ont.
Finch, O. E.....Victoria, B.C.
Frost, R. O.....Lindsay, Ont.

Graham, G. C. Fenelon Falls, Ont.
Greer, G. G...Peterborough, Ont.
Gliddon, R. W.....Union, Ont.

Hall, H. C. Fort Qu'Appelle, Sask.
Hassard, F. R.....Toronto, Ont.
Hastings, E. R....Stouffville, Ont.
Hayes, Miss E. M...Toronto, Ont.
Home, R. Jr.....Toronto. Ont.
Hutchinson, F.....Sarnia, Ont.

Keillor, B. F....Raymond, Alta.
Knight, C. F..Moose Jaw, Sask.

Leary, E. J.....Britannia, Ont.
Lewis, E. P.....Calgary, Alta.
Lougheed, G. W..Winnipeg, Man.

Macklin, C. C.....Toronto, Ont.
Mahoney, J. L.....Stamford, Ont.
Mathieson, L. F. B., M.B.,
Port Rowan, Ont.
Morgan, J. G.....Toronto, Ont.
McAlpine, G. S....Petrolea, Ont.
McClenahan, R. R.,
Waterdown, Ont.
McCullough, J. S. Brooks, Alta.
McIntosh, A. J.....Toronto, Ont.
McEwen, Miss A....Clinton, Ont.
McKibbin, A. E.....Chelsea, Que.
McKillip, T. H.....Toronto, Ont.
McLean, D. B..... Paisley, Ont.
McPhedran, F. M...Toronto, Ont.
MacPherson, C. A.,
St. Thomas, Ont.

Oakley, Miss G..Craigvale, Ont.
Otton, S. W..Leamington, Ont.

Phelps, R. C.....Merriton, Ont.
Pickup, W. S....Halbrite, Sask.
Poyntz, L. K....Brampton, Ont.

Reddick, W. A.....Toronto, Ont.
Richardson, S. A. Wallaceburg, Ont
Robertson, H. J....Kelvin, Ont.
Robinson, W. L, Summerland, B.C.
Rogers, H. P.....Toronto, Ont.
Rowswell, A. C.....Toronto, Ont.

Savage, T. M.....Guelph, Ont.
Scott, W. A...Bridgeburg, Ont.
Seaton, W. B....Fort Erie, Ont.
Shields, J. D...Mount Albert, Ont.
Simon, K.M.B..Roseau, Dominica.
Smith, E. A.....Toronto, Ont.
Snetsinger, H. A...Colborne, Ont.
Struthers, E. B.....Galt, Ont.
Thomson, J.....Parkland, Alta.
Trow, C. E.....Toronto, Ont.
Turnbull, J. G.....Sarnia, Ont.

Walker, F. M...Stoney Creek, Ont.
Warren, D. A.....Hamilton, Ont.
Watson, G. A.....Toronto, Ont.
Webb, F. E.....Aurora, Ont.
Wellman, A. L.,
Wellman's Corners, Ont.
White, G. E.....Windsor, Ont.
White, J. H.....Nottawa, Ont.
Wookey, H. W.....Toronto, Ont.

Occasional Students.

Ante, I. H.....Hamilton, Ont.
Arseneau, E....Fort William, Ont.

Bailey, N. S.
Portage la Prairie, Man.
Black, H. F. B....Kingston, Ont.
Bell, H.....Collingwood, Ont.
Box, H. K....Carleton Place, Ont.
Boyle, L. F.....Killaly, Sask.
Bricker, J. S.....Listowel, Ont.

Campbell, E. H...Toronto, Ont.
Chartrand, H. A....Ottawa, Ont.
Clarke, H. J.....Edmonton, Alta.
Coveyduc, G.....Toronto, Ont.
Dalton, R. E.....Toronto, Ont.
Duff, J. H.....Cookstown, Ont.

Elliott, W. S.....Varna, Ont.

Farrell, H. G.....Oshawa, Ont.
Fletcher, C. M...Magrath, Alta.
Fraser, F. C.....Jamestown, Ont.
Fraser, G.....Odessa, Ont.
Fuller, E. W.....London, Ont.

Gardiner, B. R....Brandon, Man.
Girvin, J. S.....Stapledon, Ont.

Higley, C. E.....Chatham, Ont.
Hill, A. N..... Burlington, Ont.
Hollingshead, T. G..Toronto, Ont.
Holmes, H. E. A.....Cobalt, Ont.

Ionson, S. S.....Jarvis, Ont.
Kelly, J. I.....Calgary, Alta.
Knight, F.....Bruce Mines, Ont.

Leonard, L. D.....Toronto, Ont.

McLaughlin, R.....Athens, Ont.

Norman, E.....Paris, Ont.

O'Brien, C. R.....Toronto, Ont.

Pattison, C. LaV.Indian Head,Sask.

Roos, E. A.....Listowel, Ont.
Ruttledge, S. C.....Holt, Ont.

Schwalen, H. V...Winnipeg, Man.
Scott, J. K.....Beeton, Ont.
Sebben, J. F.....Stratford, Ont.
Sinclair, A. V....Arnprior, Ont.
Sipes, A. J.....Blair, Ont.
Sleeth, B. E.....Toronto, Ont.
Soules, C.....Toronto, Ont.
Spiers, F. S.....Alexander, Man.
Stewart, H. A.....Kingston, Ont.
Stewart, H. R.....Bradford, Ont.
Sutherland, D. J..Glenhurst, Sask.

Thornton, L. H.....Toronto, Ont.

Ward, R. G.....Toronto, Ont.
Watson, P. J.....Fort Rose, Ont.
White, A. C.....Drayton, Ont.

Zimmerman, G. F...Toronto, Ont.

The University of Toronto issues the following official publications, any one of which may be had on application to the Registrar of the University or to the Secretary of the particular Faculty respecting which information is sought:

Information for Students.

Curriculum for Junior Matriculation.

Calendar of the Faculty of Arts.

Calendar of the Faculty of Medicine.

Calendar of the Faculty of Applied Science and Engineering.

Calendar of the Faculty of Education.

Calendar of the Faculty of Forestry.

Calendar of the Faculty of Household Science.

Curricula in Music.

Calendar for the Summer Session.

Miscellaneous Curricula.